

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
 Data File : BF141519.D
 Acq On : 07 Feb 2025 20:21
 Operator : RC/JU
 Sample : Q1232-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-42.2-012925

Manual Integrations
 APPROVED

Reviewed By :Rahul
 Chavli

Quant Time: Feb 07 22:26:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							02/10/2025
1) 1,4-Dichlorobenzene-d4	6.792	152	70012	20.000	ng	0.00	Supervised By :mohammad
21) Naphthalene-d8	8.075	136	264489	20.000	ng	0.00	Chavli
39) Acenaphthene-d10	9.827	164	130756	20.000	ng	0.00	
64) Phenanthrene-d10	11.316	188	201587	20.000	ng	0.00	
76) Chrysene-d12	13.963	240	129006	20.000	ng	0.00	
86) Perylene-d12	15.421	264	98648	20.000	ng	# 0.00	02/12/2025
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	315729	70.700	ng	0.00	
7) Phenol-d6	6.428	99	443740	78.616	ng	-0.01	
23) Nitrobenzene-d5	7.351	82	282536	55.717	ng	-0.01	
42) 2,4,6-Tribromophenol	10.616	330	38267	29.134	ng	-0.01	
45) 2-Fluorobiphenyl	9.145	172	530802	62.542	ng	0.00	
79) Terphenyl-d14	12.904	244	487603	63.808	ng	0.00	
Target Compounds							Qvalue
31) Naphthalene	8.092	128	29039	2.109	ng		98
52) Acenaphthene	9.857	154	36793	4.908	ng		98
55) Dibenzofuran	10.033	168	30877	2.806	ng	#	97
58) Fluorene	10.374	166	43599	5.125	ng		99
71) Phenanthrene	11.339	178	684559	61.692	ng		100
72) Anthracene	11.392	178	229751	20.597	ng		100
73) Carbazole	11.545	167	24372	2.428	ng		93
75) Fluoranthene	12.539	202	1436009	122.064	ng		99
78) Pyrene	12.768	202	1402000	127.665	ng		99
81) Benzo(a)anthracene	13.951	228	688257	80.259	ng		97
83) Chrysene	13.992	228	472332	59.652	ng		96
84) Bis(2-ethylhexyl)phtha...	13.939	149	17258	4.023	ng	#	96
87) Indeno(1,2,3-cd)pyrene	16.868	276	248666	40.796	ng		96
88) Benzo(b)fluoranthene	15.004	252	599929m	90.573	ng		
89) Benzo(k)fluoranthene	15.015	252	201566m	35.637	ng		
90) Benzo(a)pyrene	15.362	252	444248	82.887	ng		97
91) Dibenzo(a,h)anthracene	16.874	278	62555	12.666	ng	#	88
92) Benzo(g,h,i)perylene	17.303	276	237741	45.998	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

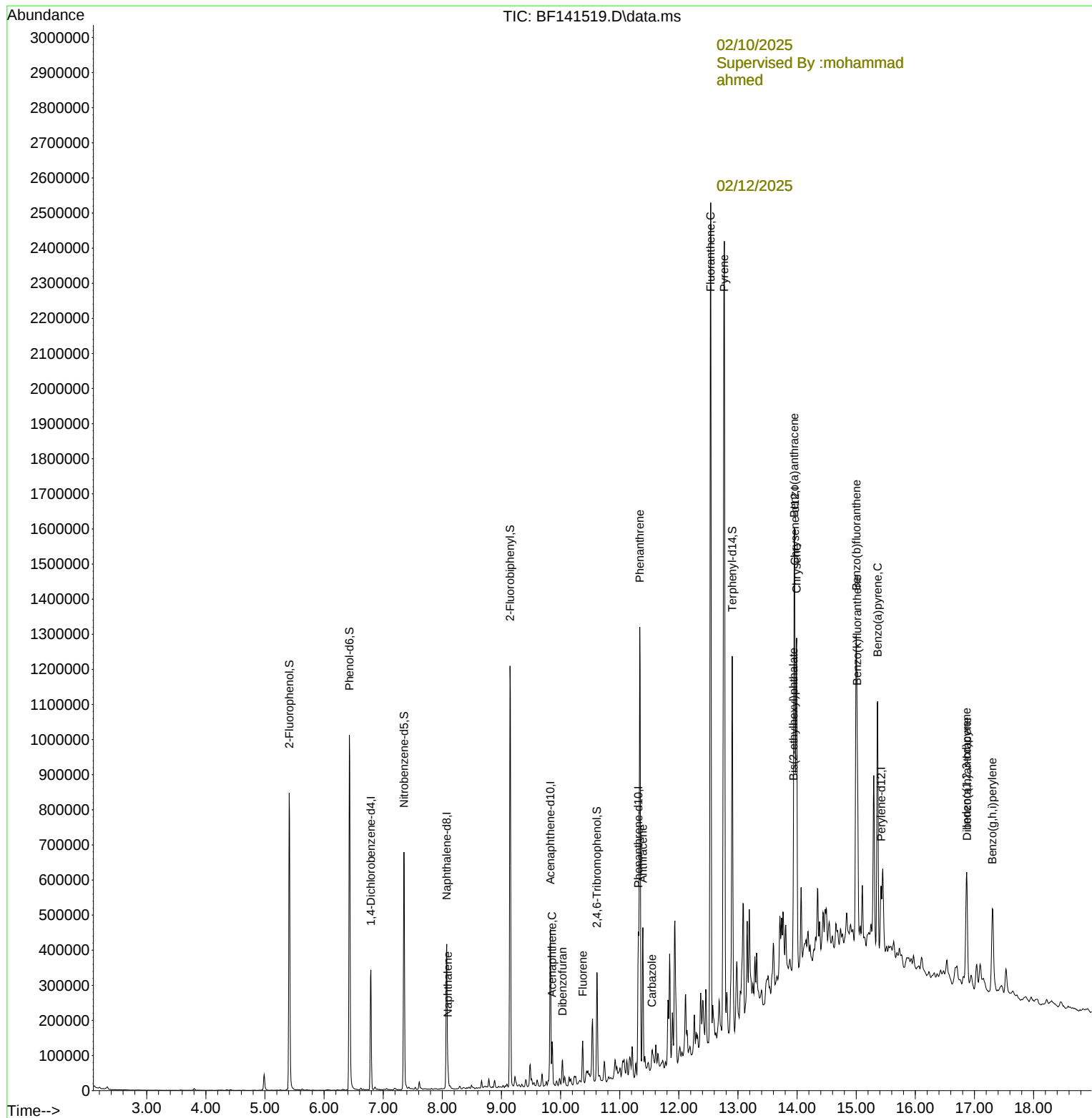
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141519.D
Acq On : 07 Feb 2025 20:21
Operator : RC/JU
Sample : Q1232-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

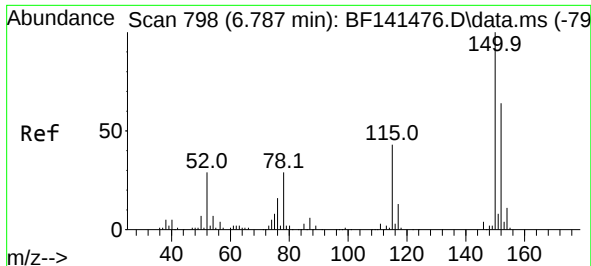
Instrument :
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ClientSampleId :
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Manual Integrations
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Quant Time: Feb 07 22:26:57 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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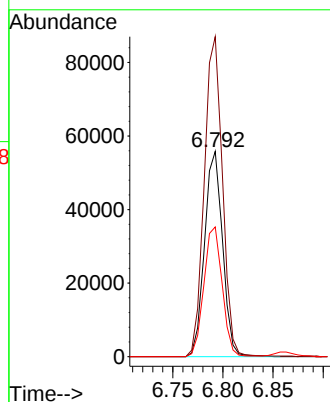
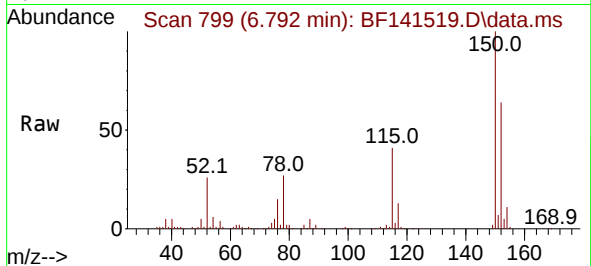
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Instrument :
BNA_F
ClientSampleId :
JPP-42.2-012925

Tgt Ion:152 Resp: 70012
Ion Ratio Lower Upper
152 100
150 155.9 125.0 187.4
115 63.2 53.6 80.4

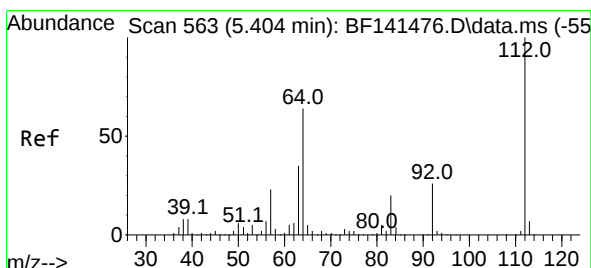
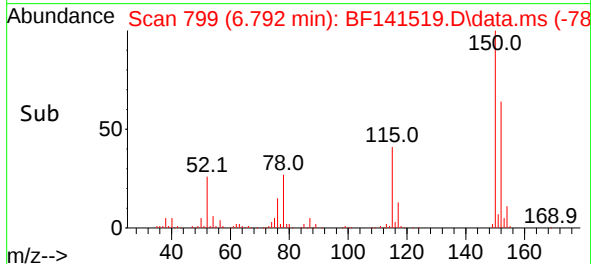
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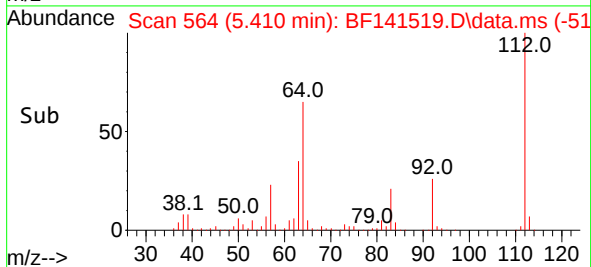
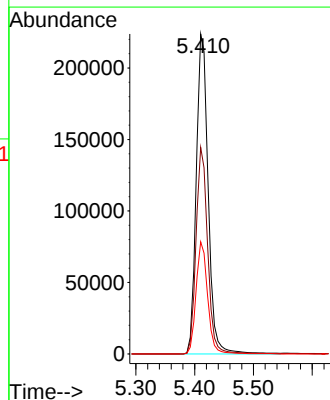
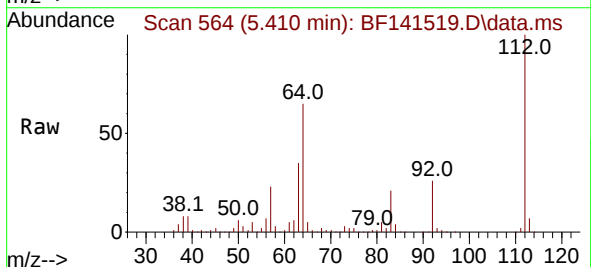
02/10/2025
Supervised By :mohammad
ahmed

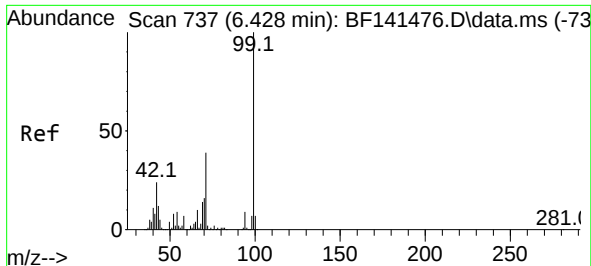
02/12/2025



#5
2-Fluorophenol
Concen: 70.700 ng
RT: 5.410 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

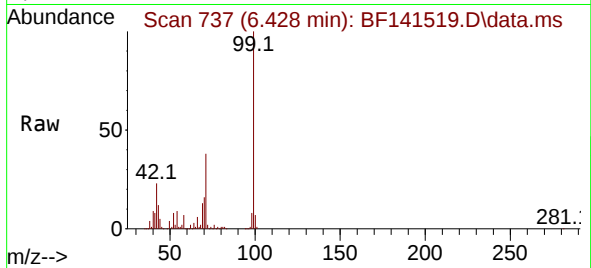
Tgt Ion:112 Resp: 315729
Ion Ratio Lower Upper
112 100
64 64.6 51.1 76.7
63 35.1 28.4 42.6





#7
Phenol-d6
Concen: 78.616 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

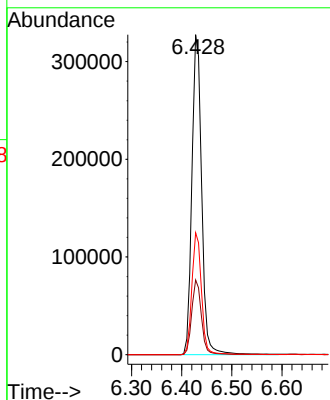
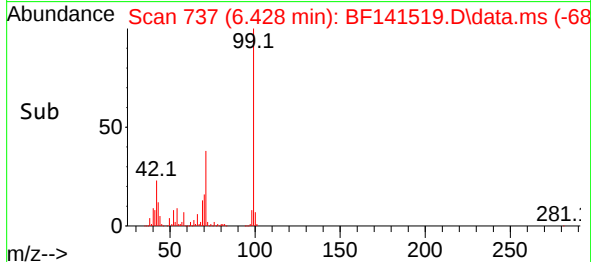
Instrument :
BNA_F
ClientSampleId :
JPP-42.2-012925



Tgt Ion: 99 Resp: 443740
Ion Ratio Lower Upper
99 100
42 23.4 19.1 28.7
71 38.1 31.1 46.7

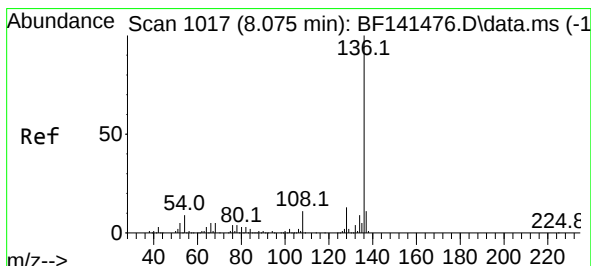
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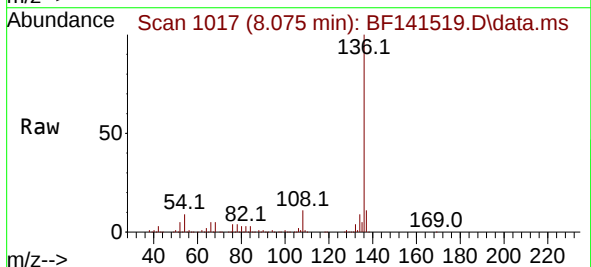


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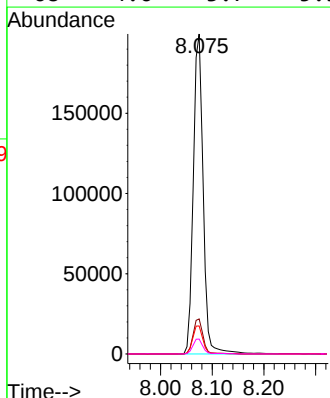
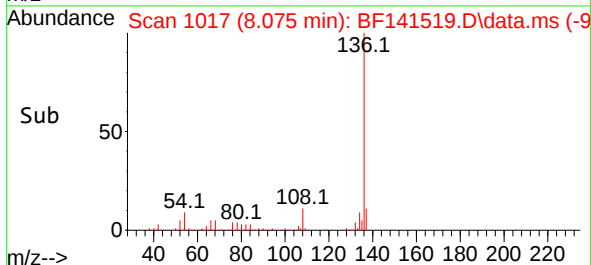
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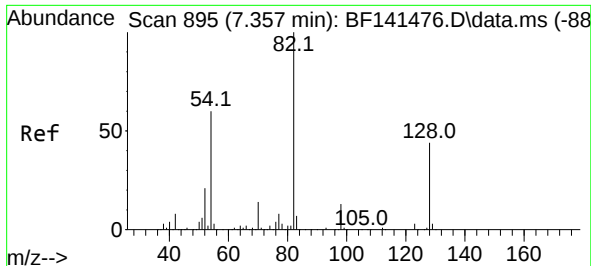


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21



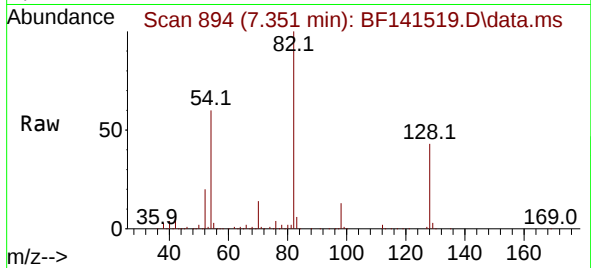
Tgt Ion:136 Resp: 264489
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.8 7.2 10.8
68 4.6 3.7 5.5





#23
Nitrobenzene-d5
Concen: 55.717 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

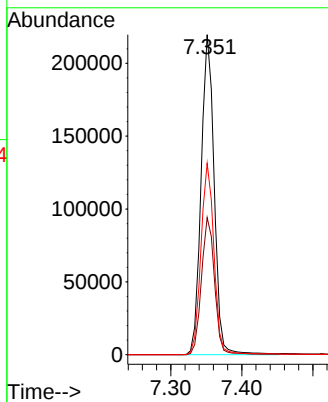
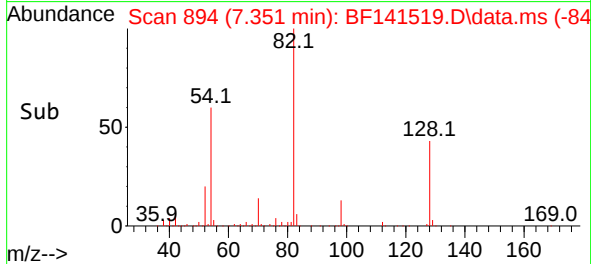
Instrument :
BNA_F
ClientSampleId :
JPP-42.2-012925



Tgt Ion: 82 Resp: 282530
Ion Ratio Lower Upper
82 100
128 42.9 34.8 52.2
54 59.8 48.2 72.4

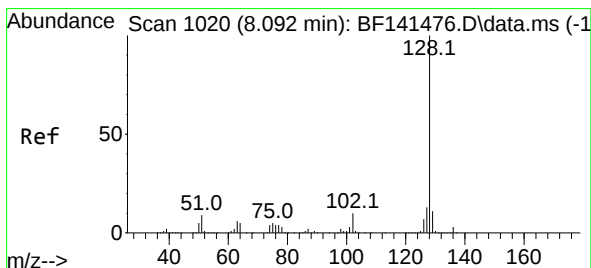
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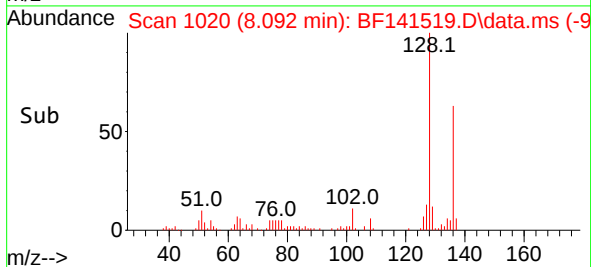
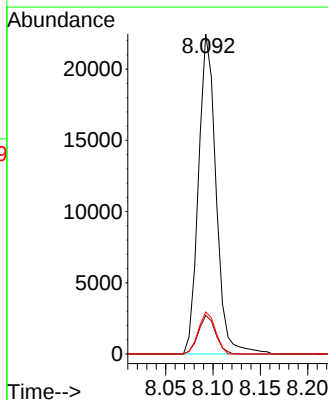
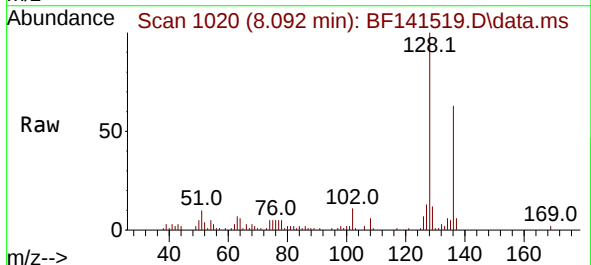
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ahmed

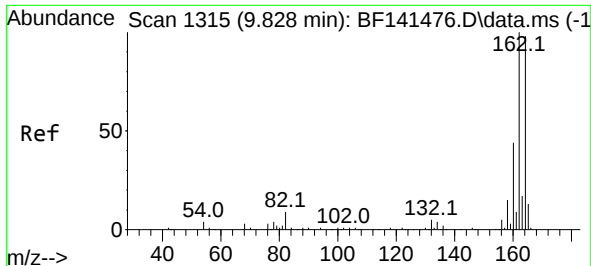
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#31
Naphthalene
Concen: 2.109 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Tgt Ion:128 Resp: 29039
Ion Ratio Lower Upper
128 100
129 12.1 8.9 13.3
127 13.1 10.7 16.1





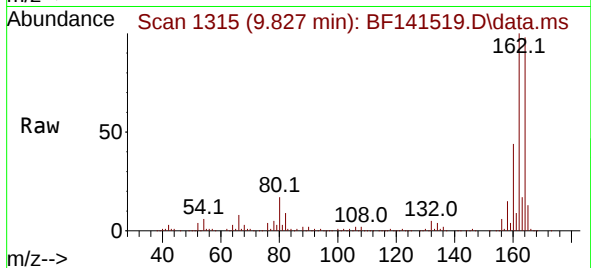
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Instrument :

BNF_F

ClientSampleId :

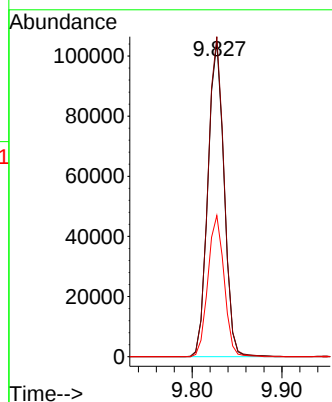
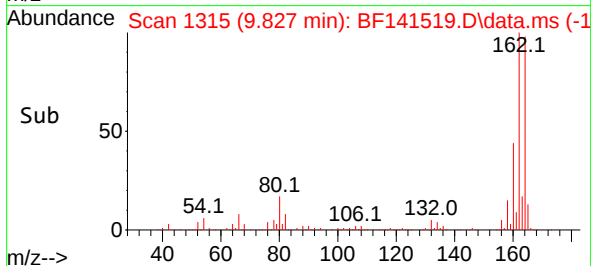
JPP-42.2-012925



Tgt Ion:164 Resp: 130750
Ion Ratio Lower Upper
164 100
162 101.7 81.3 121.9
160 44.9 35.9 53.9

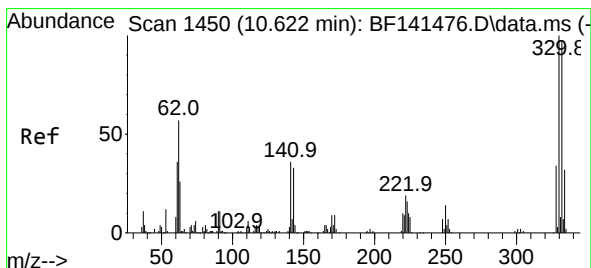
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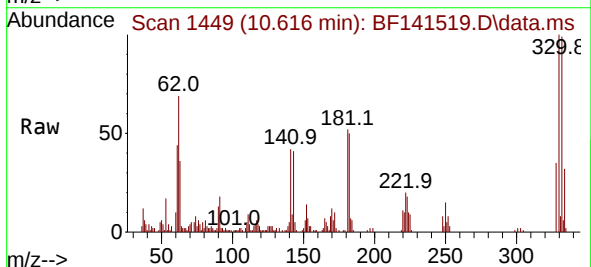


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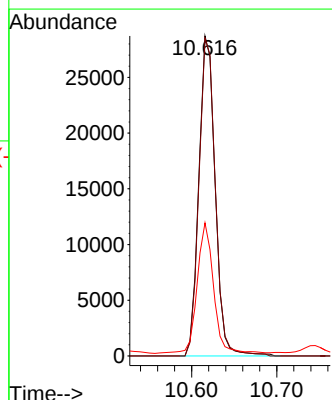
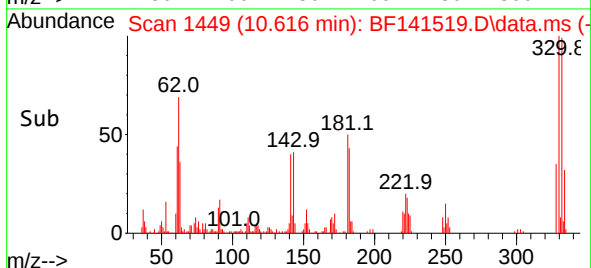
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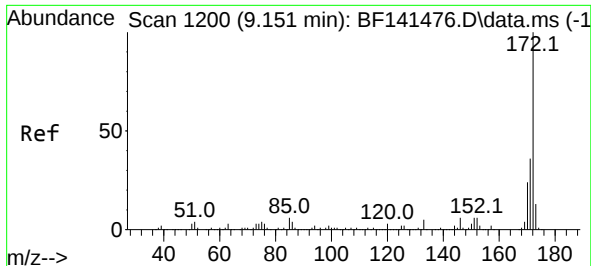


#42
2,4,6-Tribromophenol
Concen: 29.134 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21



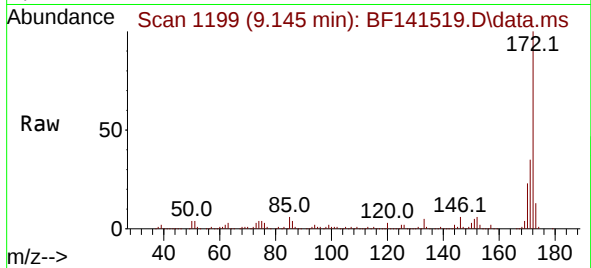
Tgt Ion:330 Resp: 38267
Ion Ratio Lower Upper
330 100
332 99.4 78.5 117.7
141 41.0 31.0 46.4





#45
2-Fluorobiphenyl
Concen: 62.542 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

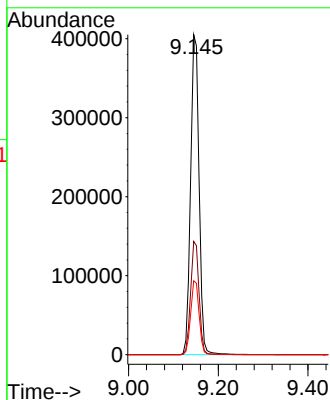
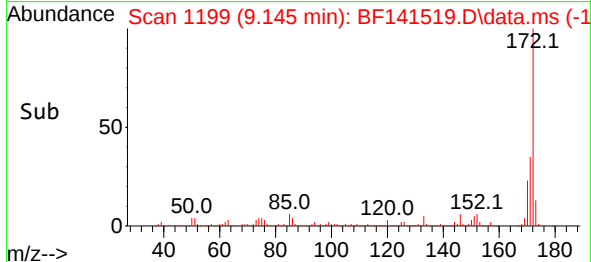
Instrument :
BNA_F
ClientSampleId :
JPP-42.2-012925



Tgt Ion:172 Resp: 53080
Ion Ratio Lower Upper
172 100
171 35.4 28.7 43.1
170 23.1 18.9 28.3

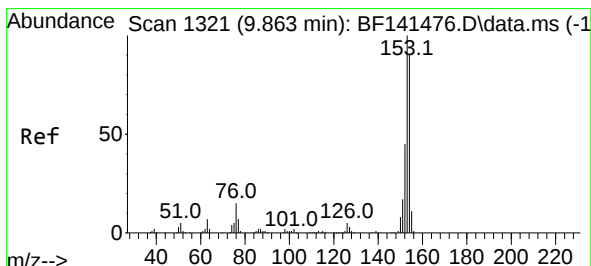
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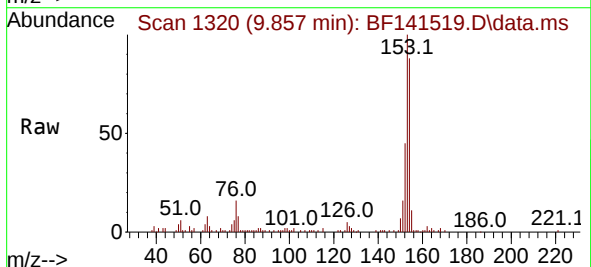


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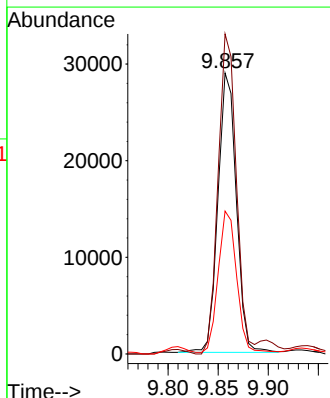
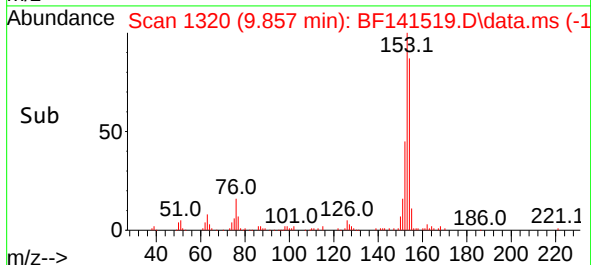
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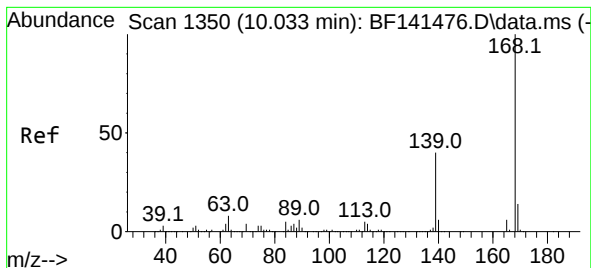


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Acenaphthene
Concen: 4.908 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21



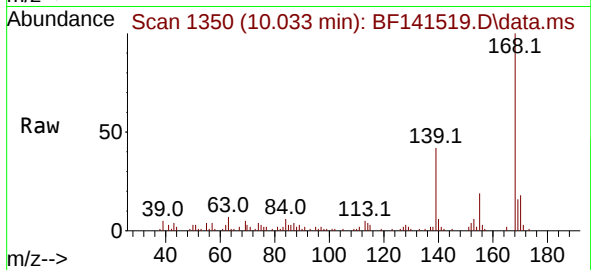
Tgt Ion:154 Resp: 36793
Ion Ratio Lower Upper
154 100
153 113.9 89.2 133.8
152 50.9 39.8 59.8





#55
Dibenzenofuran
Concen: 2.806 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

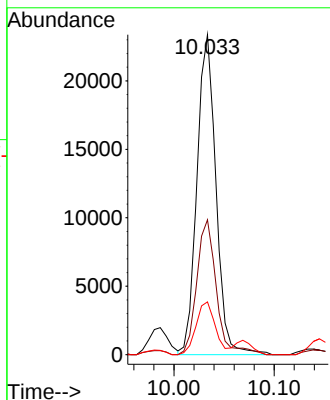
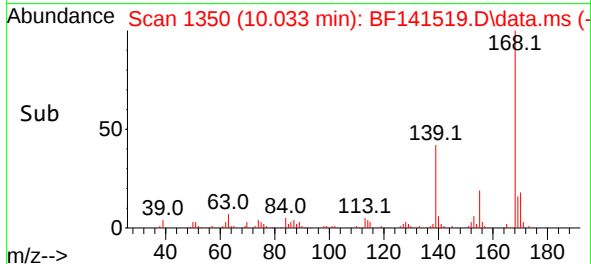
Instrument :
BNA_F
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JPP-42.2-012925



Tgt Ion:168 Resp: 3087
Ion Ratio Lower Upper
168 100
139 42.2 32.7 49.1
169 16.5 10.8 16.2

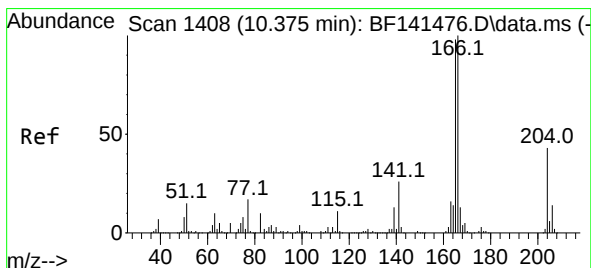
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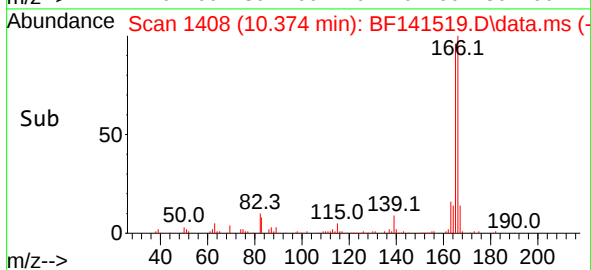
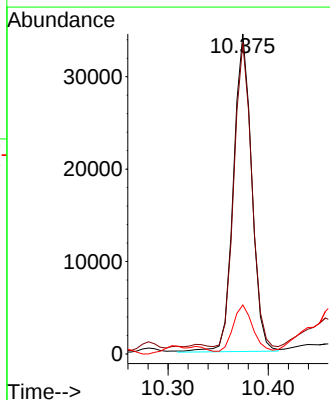
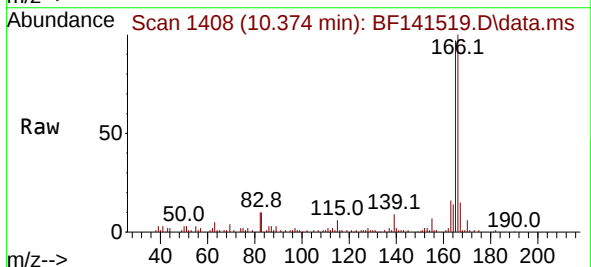
02/10/2025
Supervised By :mohammad
ahmed

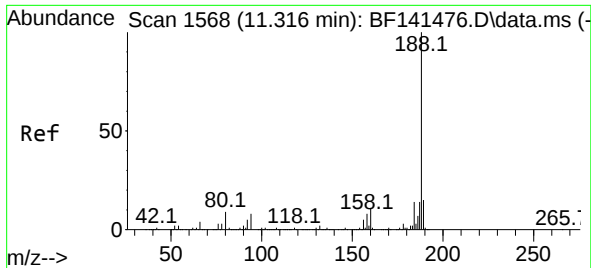
02/12/2025



#58
Fluorene
Concen: 5.125 ng
RT: 10.374 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

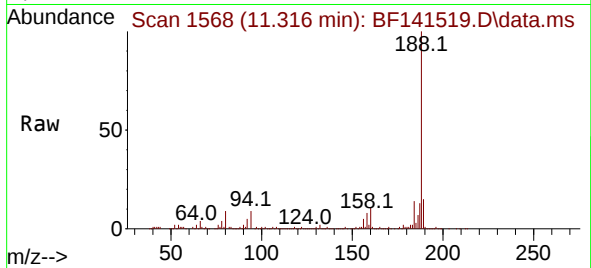
Tgt Ion:166 Resp: 43599
Ion Ratio Lower Upper
166 100
165 97.2 78.2 117.2
167 15.3 10.7 16.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

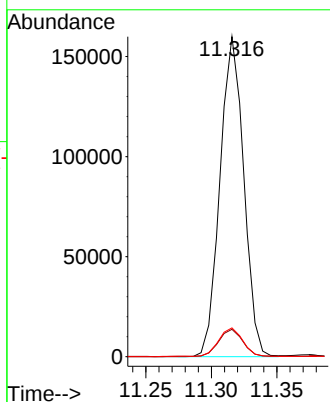
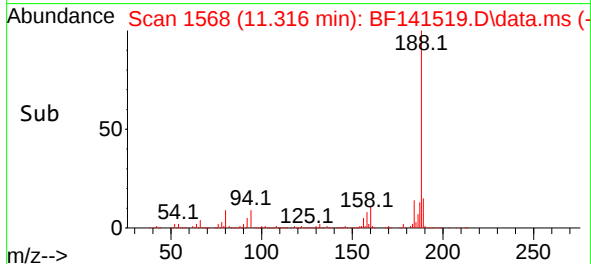
Instrument :
BNA_F
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JPP-42.2-012925



Tgt Ion:188 Resp: 20158
Ion Ratio Lower Upper
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80 9.0 7.3 10.9

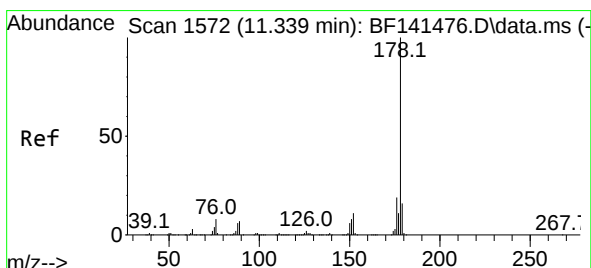
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Chavli

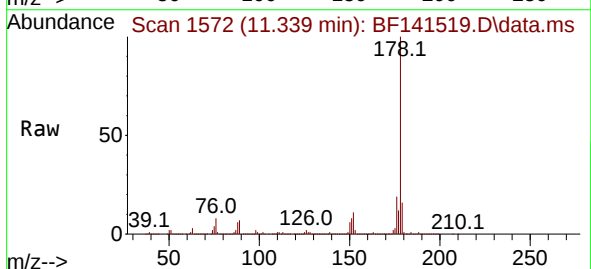


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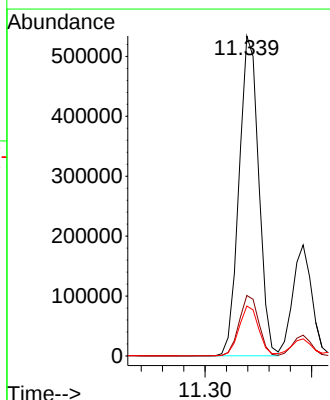
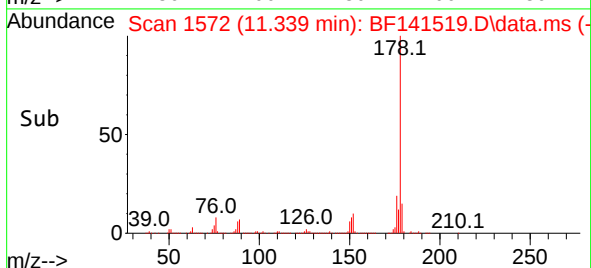
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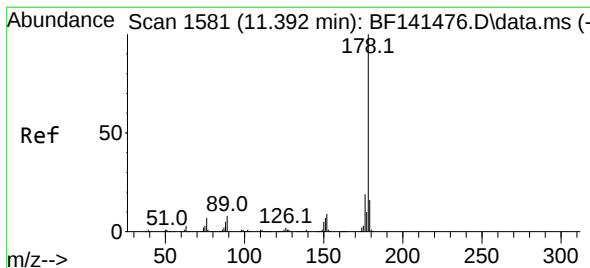


#71
Phenanthrene
Concen: 61.692 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21



Tgt Ion:178 Resp: 684559
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.6 12.4 18.6





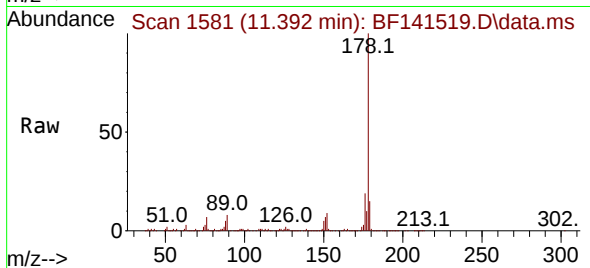
#72
 Anthracene
 Concen: 20.597 ng
 RT: 11.392 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF141519.D
 Acq: 07 Feb 2025 20:21

Instrument :

BNA_F

ClientSampleId :

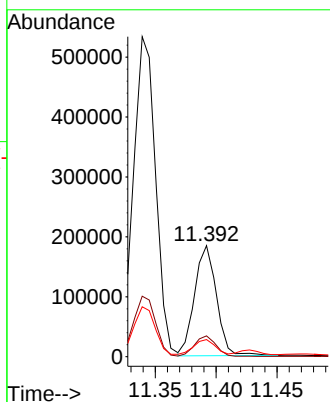
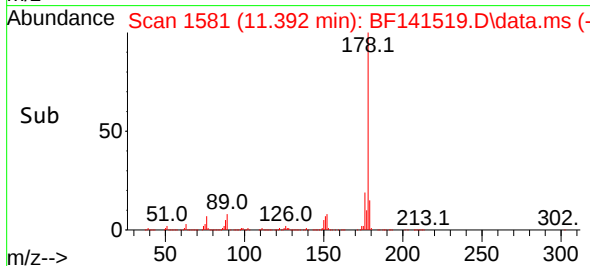
JPP-42.2-012925



Tgt Ion:178 Resp: 22975
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.8 22.2
 179 15.4 12.4 18.6

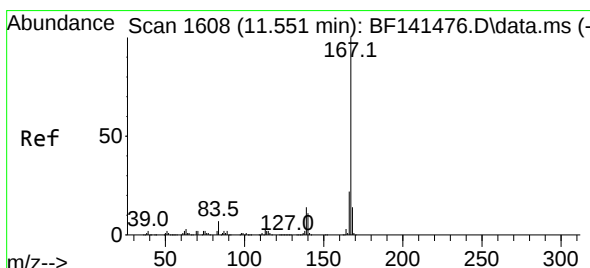
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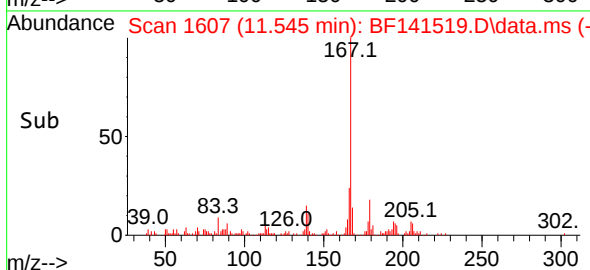
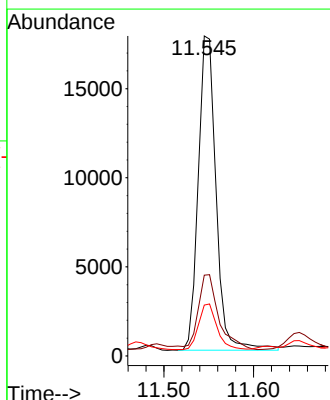
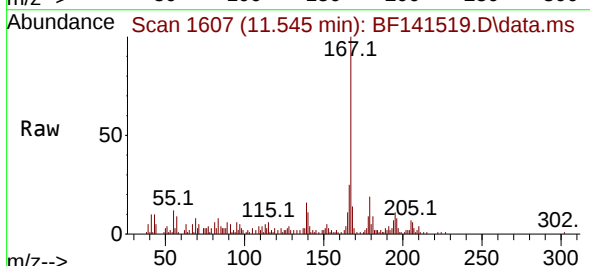
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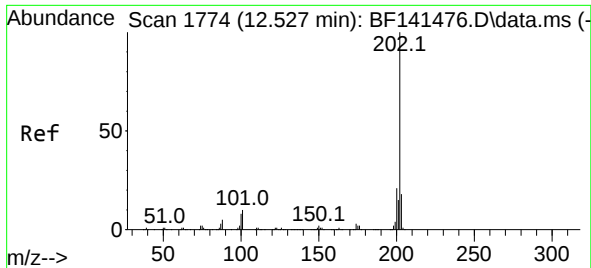
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#73
 Carbazole
 Concen: 2.428 ng
 RT: 11.545 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF141519.D
 Acq: 07 Feb 2025 20:21

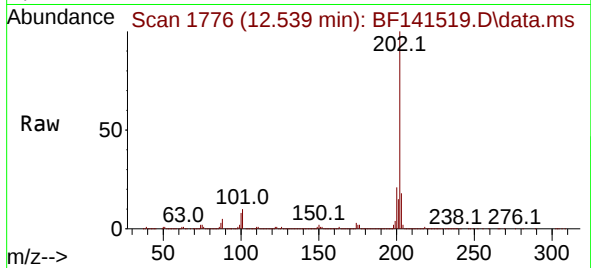
Tgt Ion:167 Resp: 24372
 Ion Ratio Lower Upper
 167 100
 166 25.2 17.4 26.2
 139 15.9 10.9 16.3





#75
Fluoranthene
Concen: 122.064 ng
RT: 12.539 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

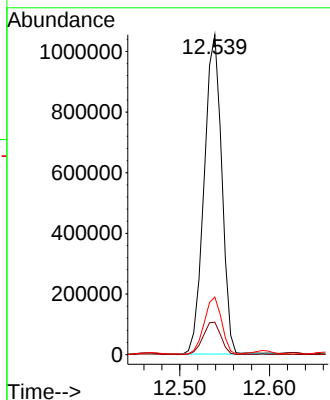
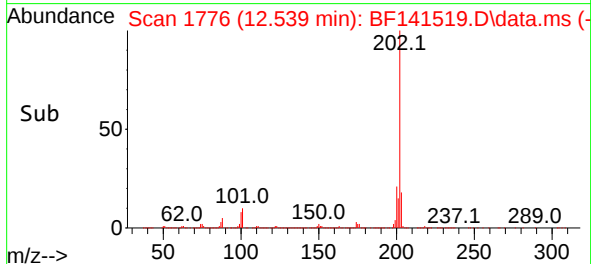
Instrument :
BNA_F
ClientSampleId :
JPP-42.2-012925



Tgt Ion:202 Resp: 1436009
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.2
203 18.0 0.0 37.6

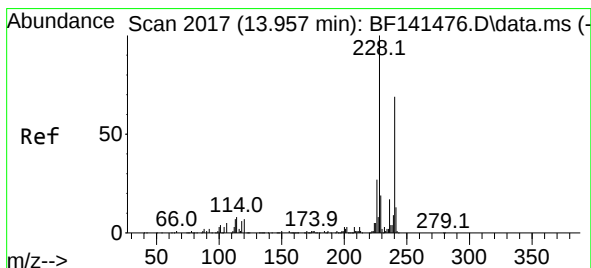
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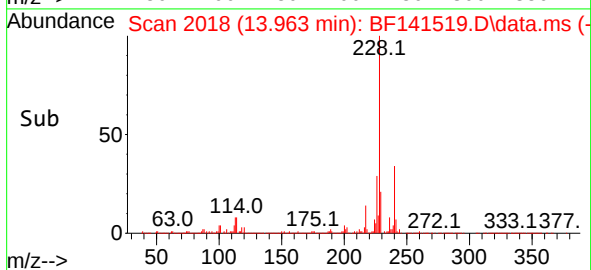
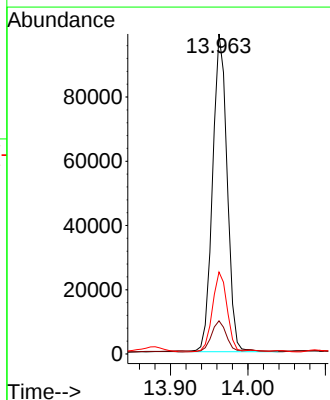
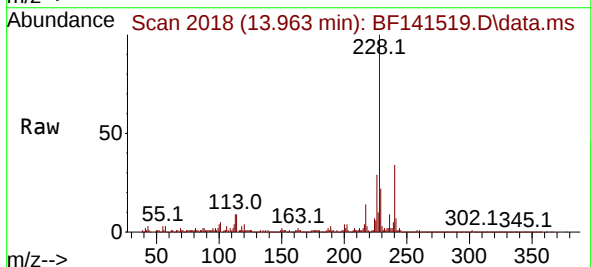
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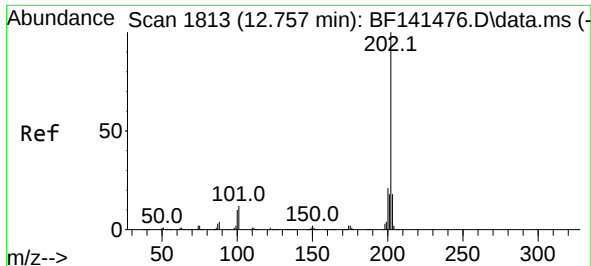
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

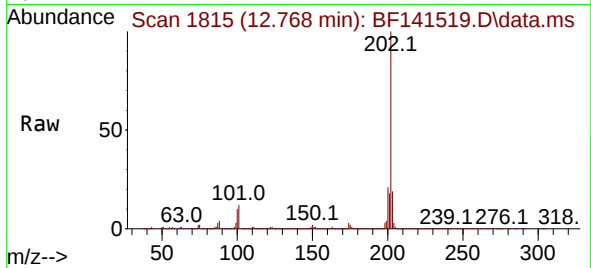
Tgt Ion:240 Resp: 129006
Ion Ratio Lower Upper
240 100
120 10.4 8.0 12.0
236 25.6 19.8 29.8





#78
Pyrene
Concen: 127.665 ng
RT: 12.768 min Scan# 1813
Delta R.T. 0.006 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

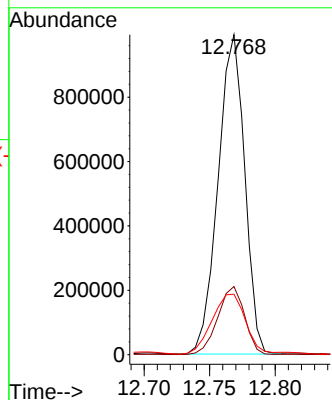
Instrument :
BNA_F
ClientSampleId :
JPP-42.2-012925



Tgt Ion:202 Resp: 1402000
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 18.9 14.3 21.5

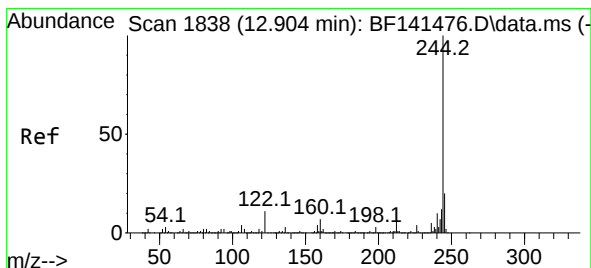
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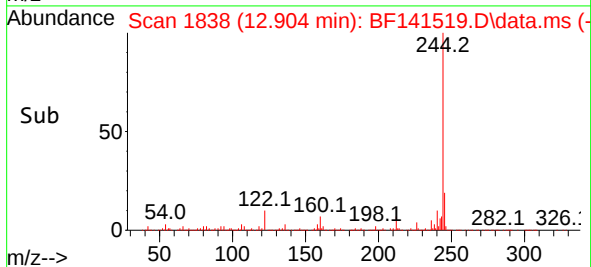
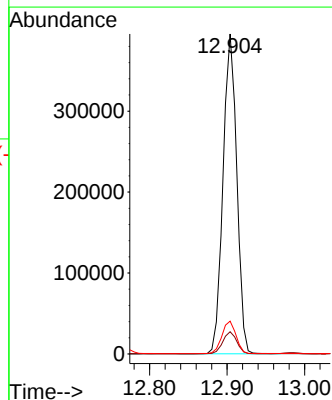
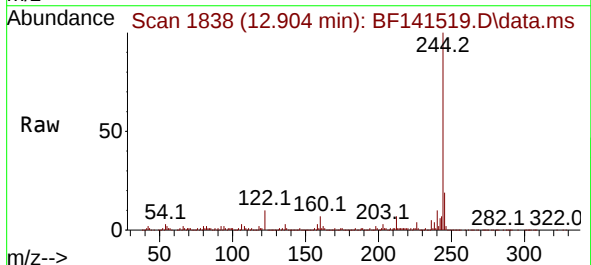
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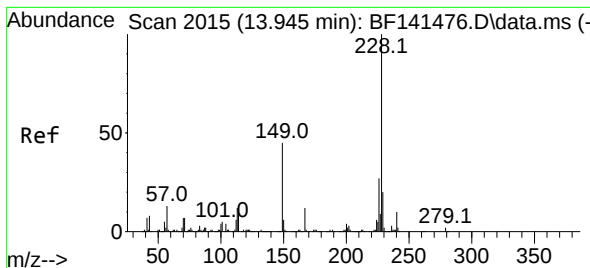
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#79
Terphenyl-d14
Concen: 63.808 ng
RT: 12.904 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

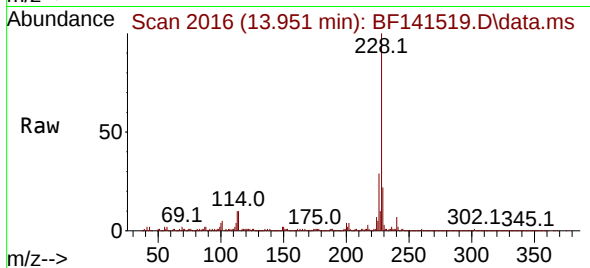
Tgt Ion:244 Resp: 487603
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 10.3 8.4 12.6





#81
Benzo(a)anthracene
Concen: 80.259 ng
RT: 13.951 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

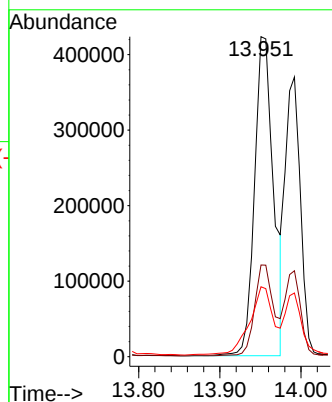
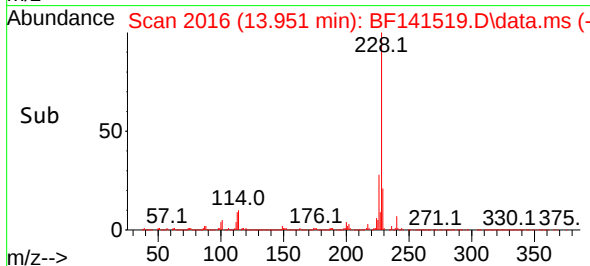
Instrument :
BNA_F
ClientSampleId :
JPP-42.2-012925



Tgt Ion:228 Resp: 68825
Ion Ratio Lower Upper
228 100
226 28.7 21.8 32.8
229 21.9 15.8 23.6

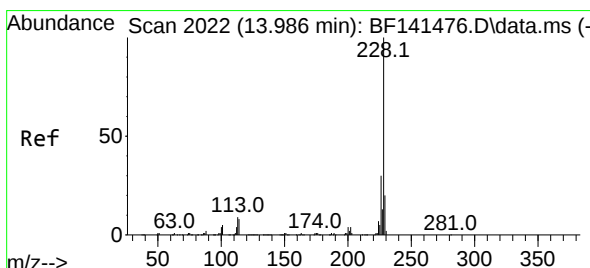
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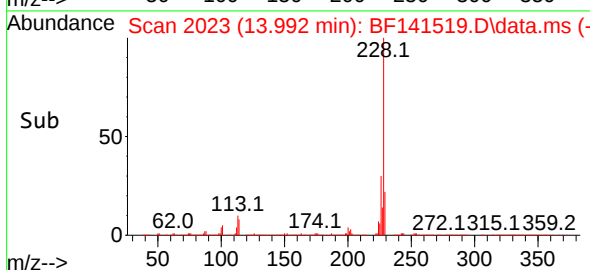
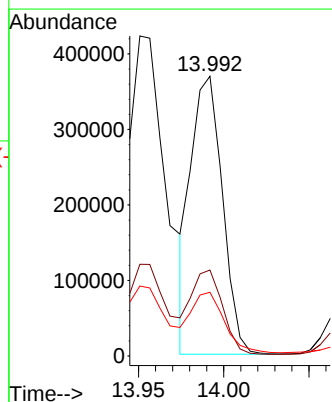
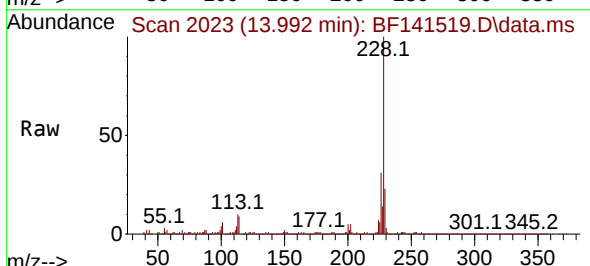
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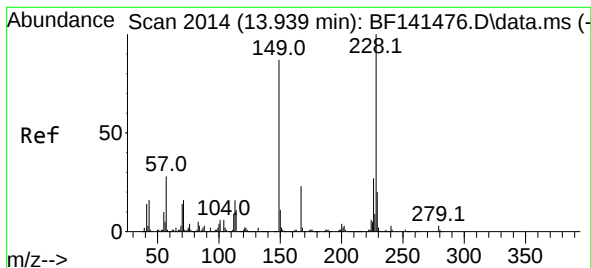
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#83
Chrysene
Concen: 59.652 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Tgt Ion:228 Resp: 472332
Ion Ratio Lower Upper
228 100
226 30.7 24.0 36.0
229 22.8 15.7 23.5





#84
Bis(2-ethylhexyl)phthalate
Concen: 4.023 ng
RT: 13.939 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Instrument :

BNF

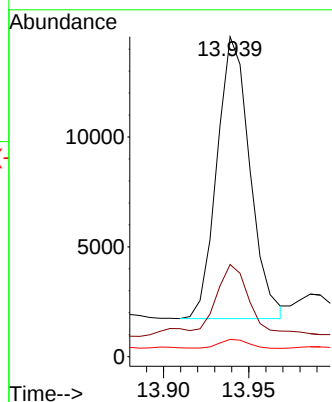
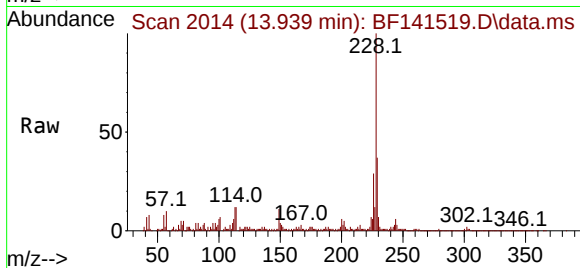
ClientSampleId :

JPP-42.2-012925

Tgt Ion:149 Resp: 1725
Ion Ratio Lower Upper
149 100
167 28.8 21.4 32.0
279 5.4 3.1 4.7

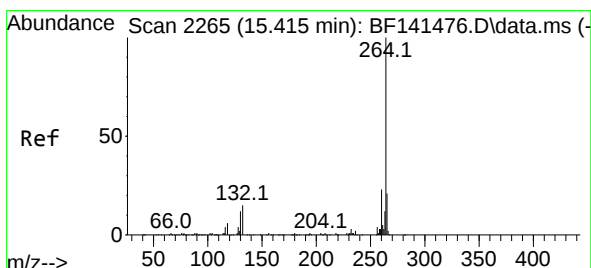
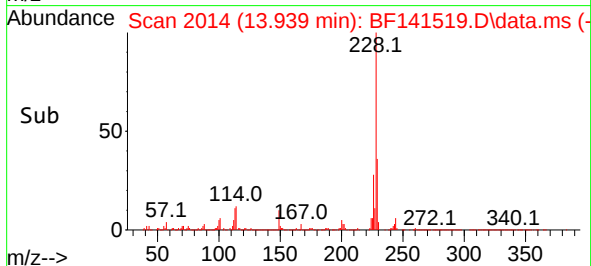
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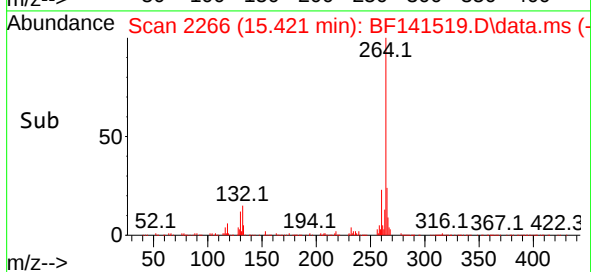
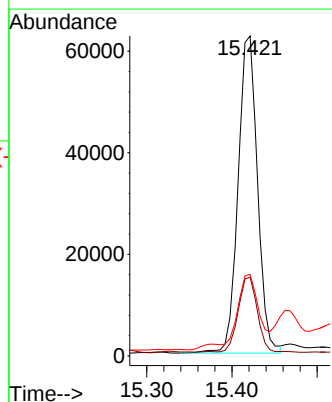
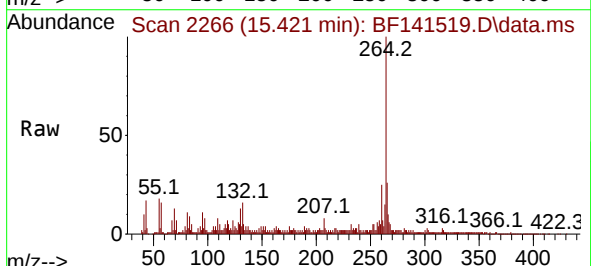
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Supervised By :mohammad
ahmed

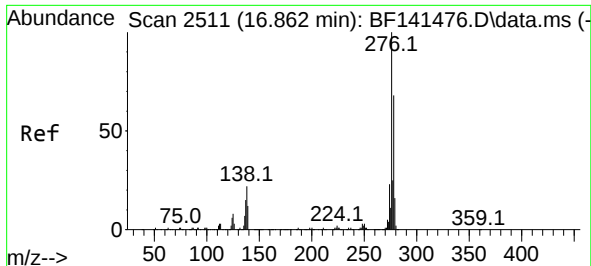
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2266
Delta R.T. 0.006 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

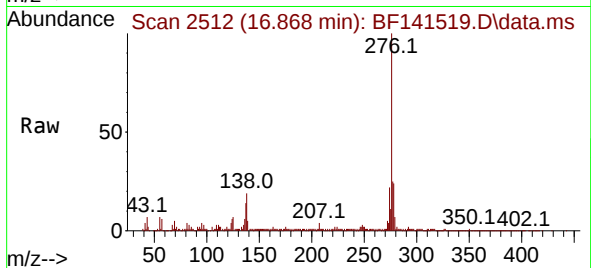
Tgt Ion:264 Resp: 98648
Ion Ratio Lower Upper
264 100
260 24.6 18.6 28.0
265 25.5 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.796 ng
RT: 16.868 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

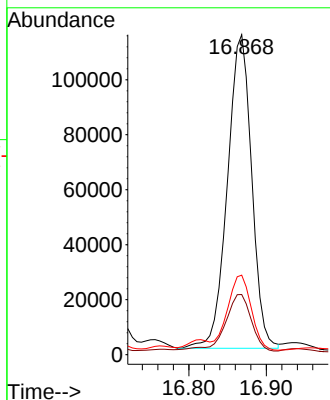
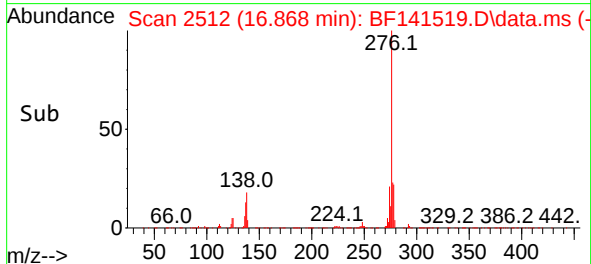
Instrument :
BNA_F
ClientSampleId :
JPP-42.2-012925



Tgt Ion:276 Resp: 248660
Ion Ratio Lower Upper
276 100
138 20.2 18.0 27.0
277 23.7 20.4 30.6

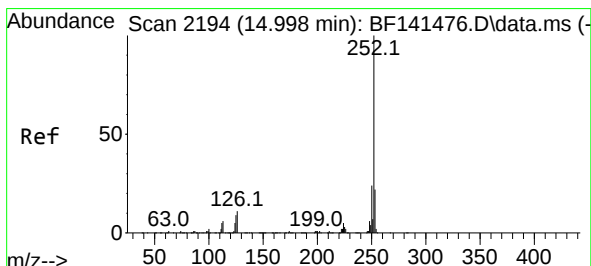
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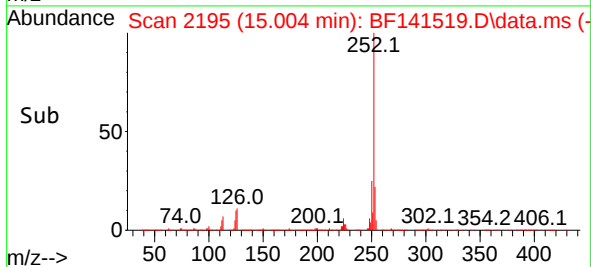
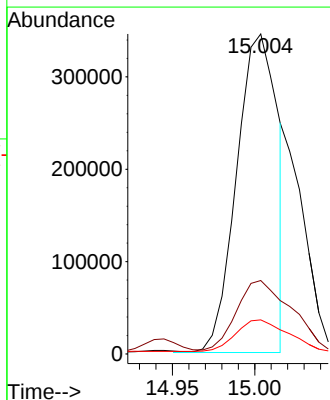
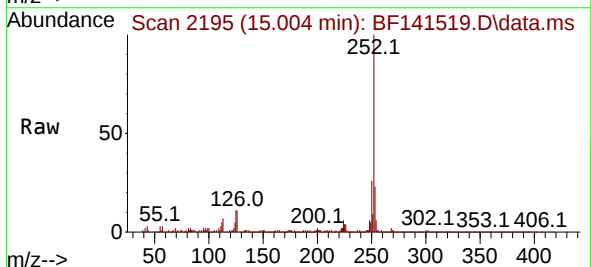
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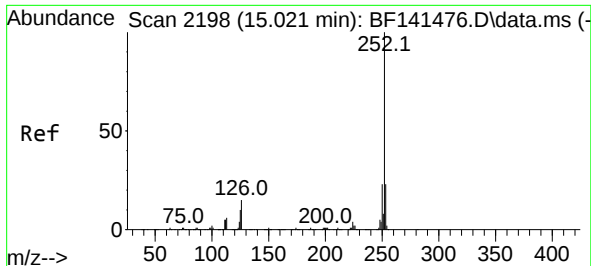
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#88
Benzo(b)fluoranthene
Concen: 90.573 ng m
RT: 15.004 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Tgt Ion:252 Resp: 599929
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 10.7 7.0 10.6#





#89

Benzo(k)fluoranthene

Concen: 35.637 ng m

RT: 15.015 min Scan# 2198

Delta R.T. -0.018 min

Lab File: BF141519.D

Acq: 07 Feb 2025 20:21

Instrument :

BNA_F

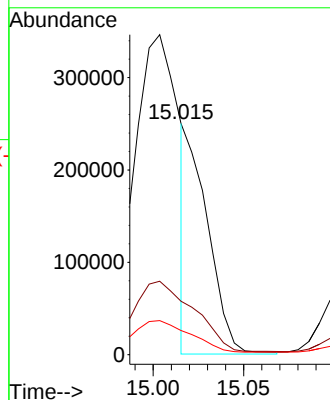
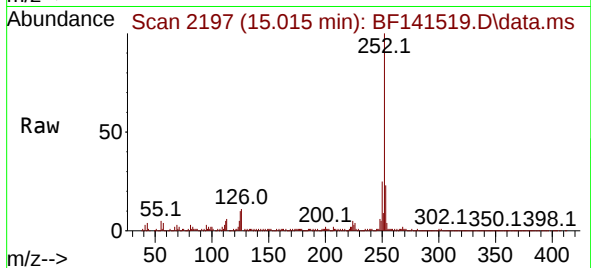
ClientSampleId :

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Tgt Ion:252 Resp: 201560
 Ion Ratio Lower Upper
 252 100
 253 23.1 18.0 27.0
 125 10.5 7.4 11.0

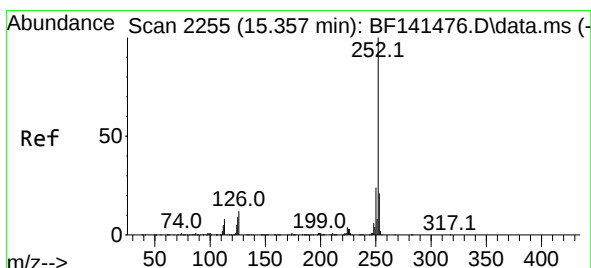
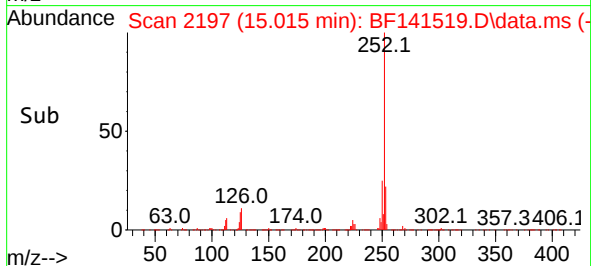
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#90

Benzo(a)pyrene

Concen: 82.887 ng

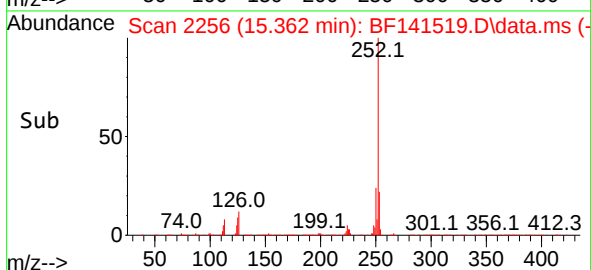
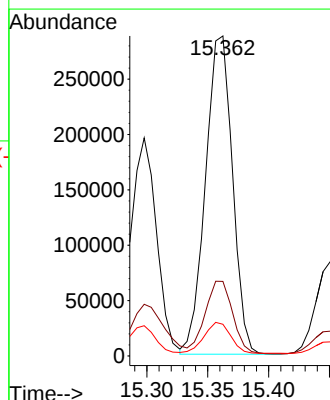
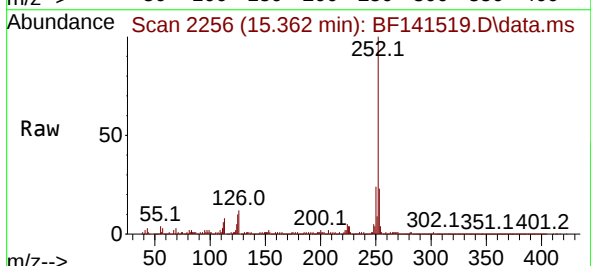
RT: 15.362 min Scan# 2256

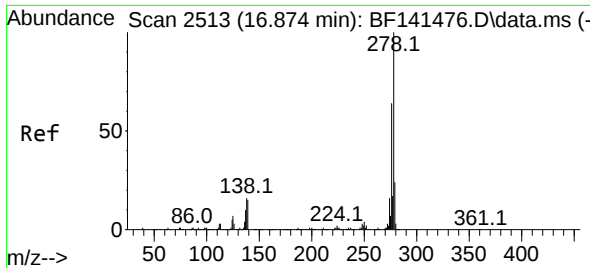
Delta R.T. 0.000 min

Lab File: BF141519.D

Acq: 07 Feb 2025 20:21

Tgt Ion:252 Resp: 444248
 Ion Ratio Lower Upper
 252 100
 253 23.3 17.1 25.7
 125 9.9 7.4 11.2





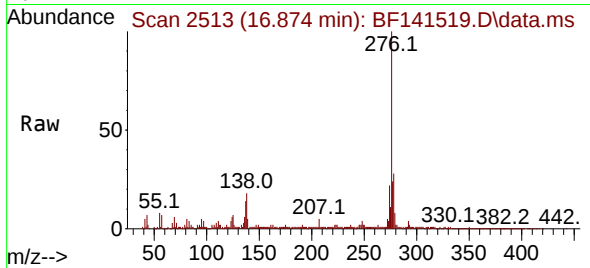
#91
Dibenzo(a,h)anthracene
Concen: 12.666 ng
RT: 16.874 min Scan# 2513
Delta R.T. -0.018 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Instrument :

BNA_F

ClientSampleId :

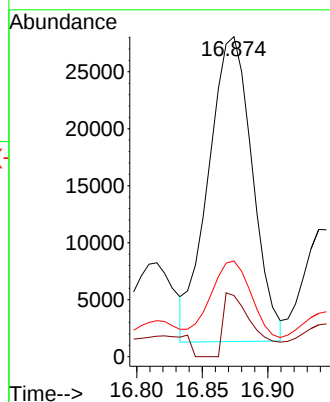
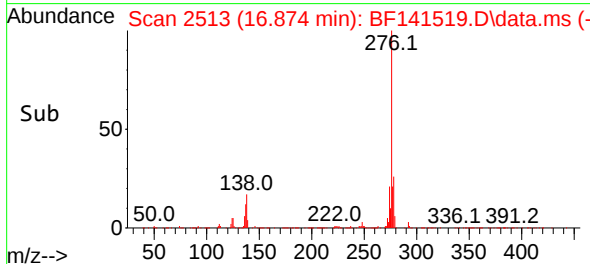
JPP-42.2-012925



Tgt Ion:278 Resp: 6255
Ion Ratio Lower Upper
278 100
139 19.1 11.8 17.6
279 29.9 19.1 28.7

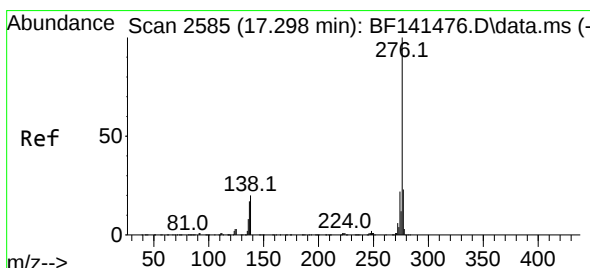
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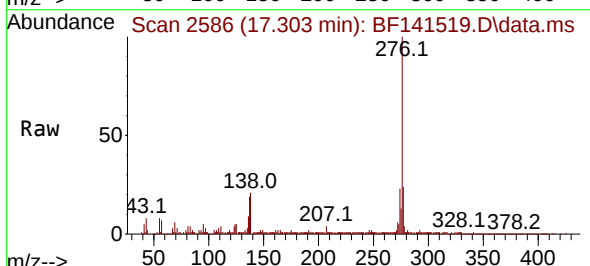


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ahmed

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#92
Benzo(g,h,i)perylene
Concen: 45.998 ng
RT: 17.303 min Scan# 2586
Delta R.T. -0.012 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21



Tgt Ion:276 Resp: 237741
Ion Ratio Lower Upper
276 100
277 24.5 18.6 28.0
138 21.0 15.9 23.9

