

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071521\
 Data File : BF124583.D
 Acq On : 15 Jul 2021 21:25
 Operator : JU/CG
 Sample : M3026-05RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ABN-JG-2RE

Manual Integrations
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Quant Time: Jul 16 02:52:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 08 07:49:42 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	5374	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	21038	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	11659	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	18401	20.000	ng	0.00
76) Chrysene-d12	14.092	240	10831	20.000	ng	0.00
86) Perylene-d12	15.586	264	11101	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	5094	16.423	ng	0.00
7) Phenol-d6	6.534	99	14978	39.695	ng	-0.01
23) Nitrobenzene-d5	7.487	82	21344	64.045	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	206	2.271	ng	-0.01
45) 2-Fluorobiphenyl	9.281	172	48949	61.223	ng	0.00
79) Terphenyl-d14	13.039	244	35822	55.537	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.475	178	7934	7.903	ng	97
75) Fluoranthene	12.663	202	12639	12.478	ng	99
78) Pyrene	12.892	202	11174	12.417	ng	95
81) Benzo(a)anthracene	14.080	228	5075	7.065	ng	99
83) Chrysene	14.116	228	3846	5.589	ng	98
87) Indeno(1,2,3-cd)pyrene	17.086	276	2311	3.590	ng	# 69
88) Benzo(b)fluoranthene	15.145	252	5786m	7.262	ng	
89) Benzo(k)fluoranthene	15.168	252	1867m	2.554	ng	
90) Benzo(a)pyrene	15.521	252	4273m	6.497	ng	
92) Benzo(g,h,i)perylene	17.551	276	2113	3.949	ng	# 71

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

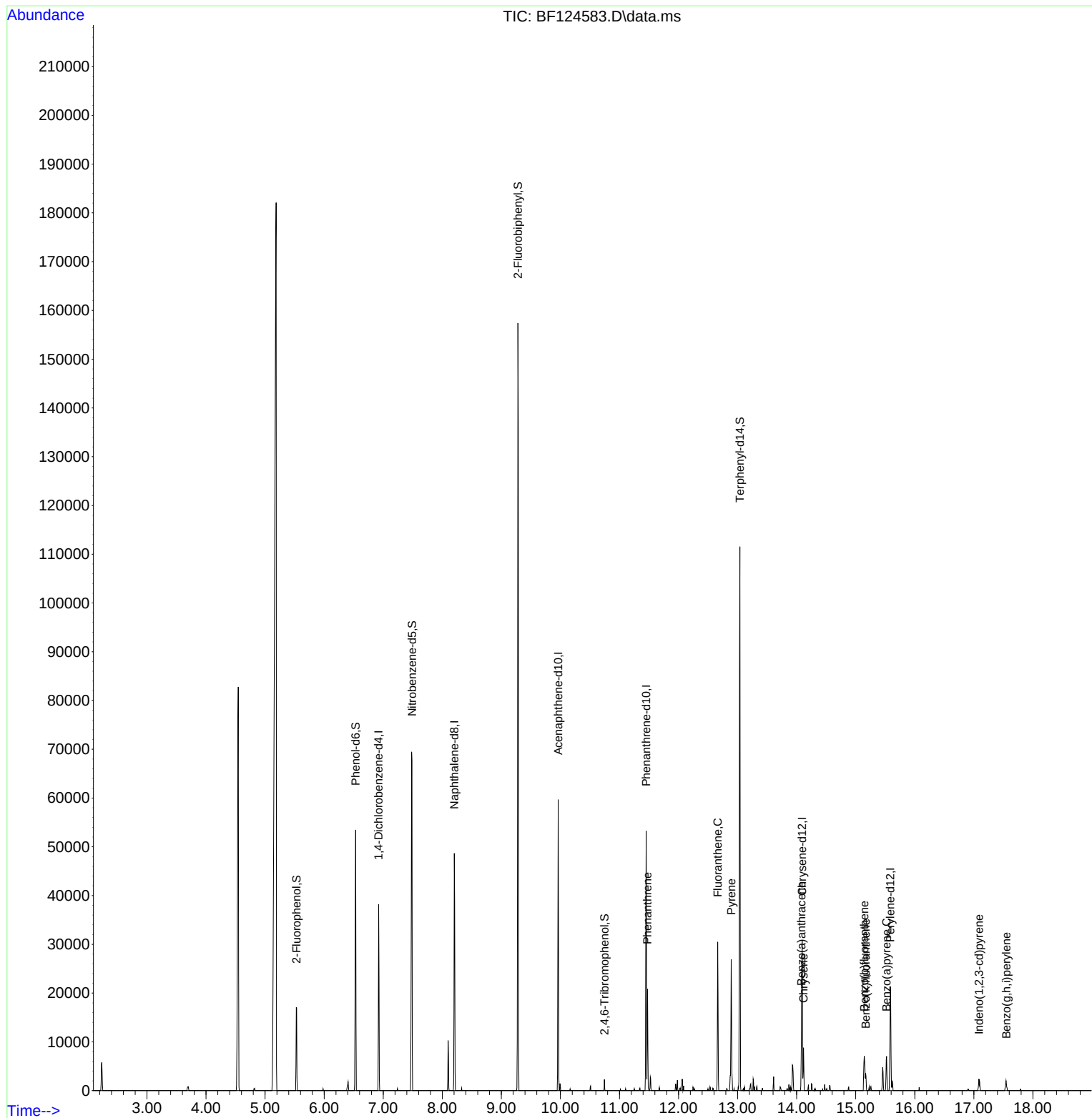
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071521\
Data File : BF124583.D
Acq On : 15 Jul 2021 21:25
Operator : JU/CG
Sample : M3026-05RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

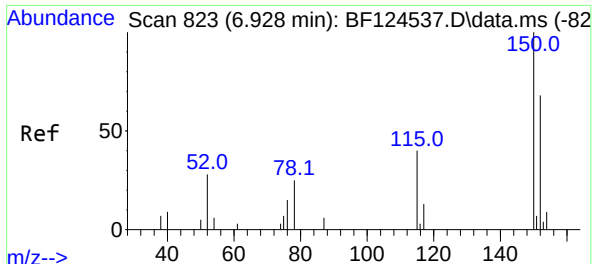
Instrument :
BNA_F
ClientSampleId :
ABN-JG-2RE

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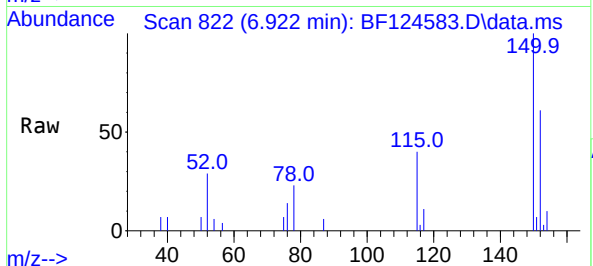
Quant Time: Jul 16 02:52:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 08 07:49:42 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF124583.D
Acq: 15 Jul 2021 21:25

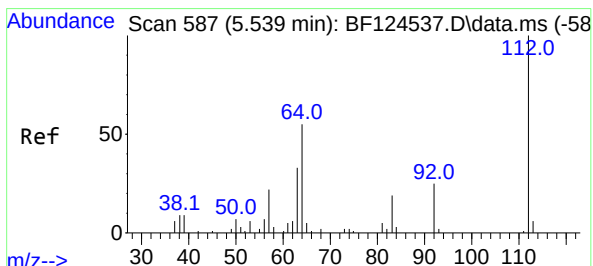
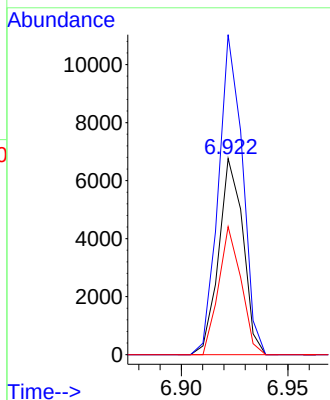
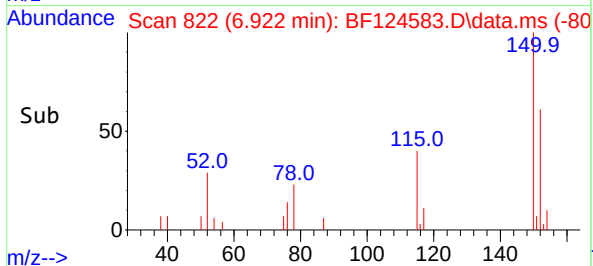
Instrument :
BNA_F
ClientSampled :
ABN-JG-2RE



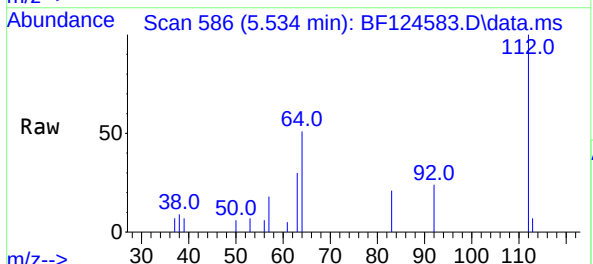
Tgt Ion:152 Resp: 5374
Ion Ratio Lower Upper
152 100
150 163.2 117.6 176.4
115 65.3 47.1 70.7

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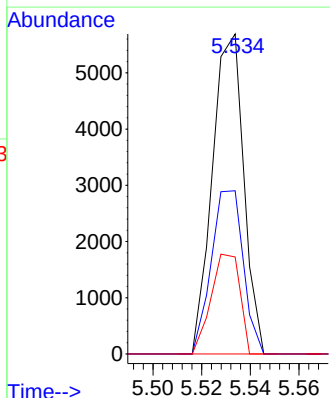
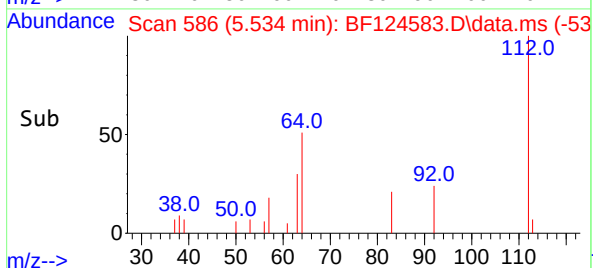
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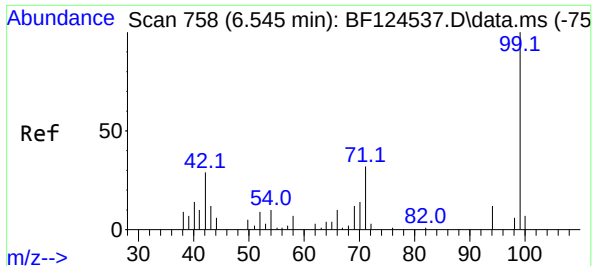


#5
2-Fluorophenol
Concen: 16.423 ng
RT: 5.534 min Scan# 586
Delta R.T. -0.005 min
Lab File: BF124583.D
Acq: 15 Jul 2021 21:25



Tgt Ion:112 Resp: 5094
Ion Ratio Lower Upper
112 100
64 51.0 44.2 66.2
63 30.3 26.2 39.2





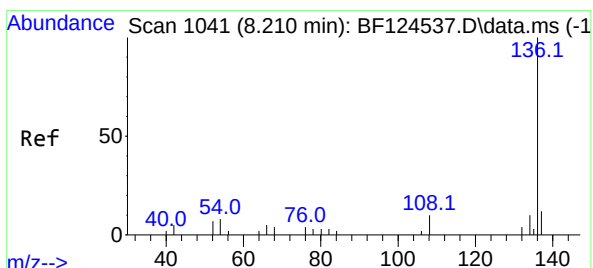
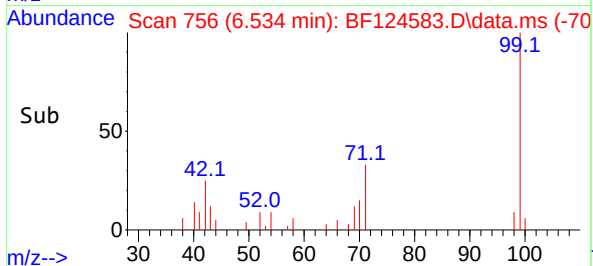
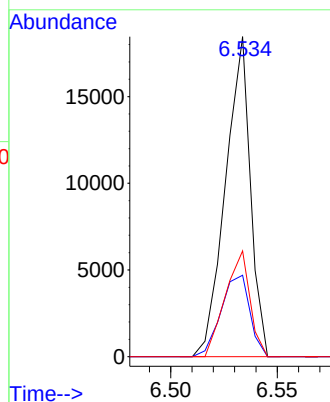
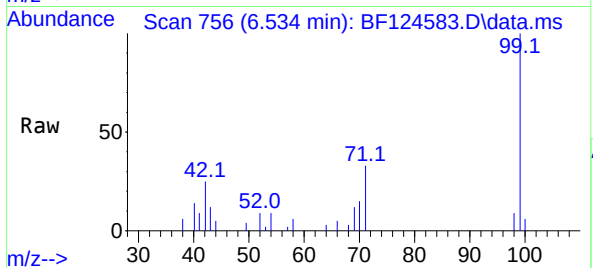
#7
Phenol-d6
Concen: 39.695 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.011 min
Lab File: BF124583.D
Acq: 15 Jul 2021 21:25

Tgt Ion:	99	Resp:	14978
Ion	Ratio	Lower	Upper
99	100		
42	25.5	23.5	35.3
71	33.1	25.6	38.4

Instrument :
BNA_F
ClientSampled :
ABN-JG-2RE

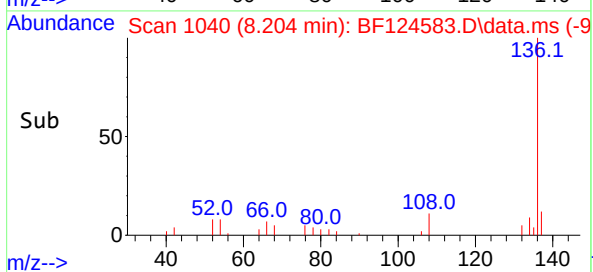
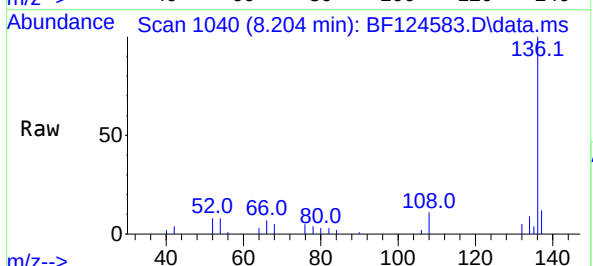
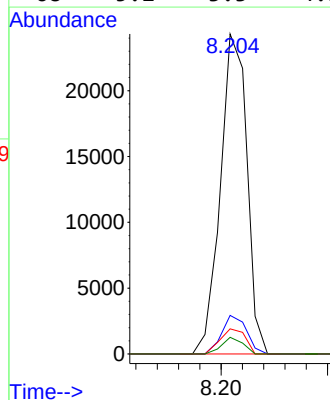
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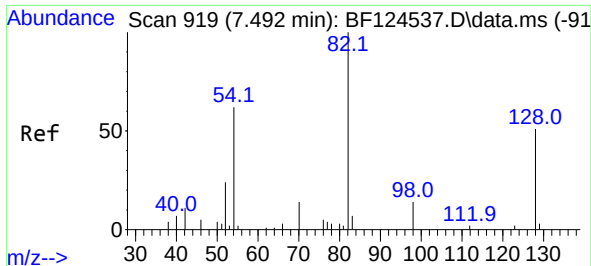
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF124583.D
Acq: 15 Jul 2021 21:25

Tgt Ion:	136	Resp:	21038
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.8	14.6
54	7.9	6.4	9.6
68	5.2	3.3	4.9





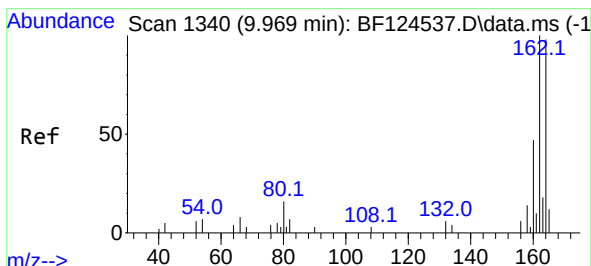
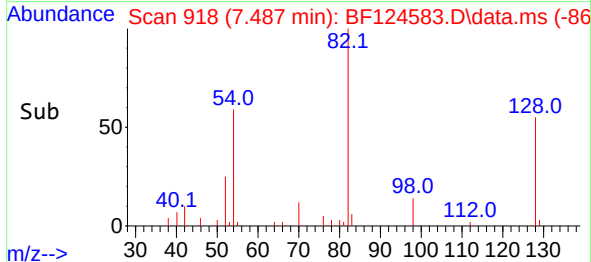
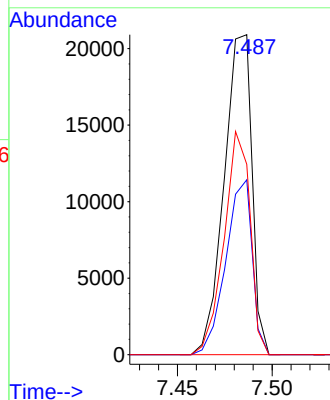
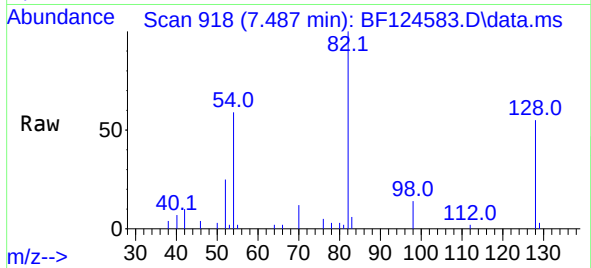
#23
Nitrobenzene-d5
Concen: 64.045 ng
RT: 7.487 min Scan# 918
Delta R.T. -0.005 min
Lab File: BF124583.D
Acq: 15 Jul 2021 21:25

Tgt Ion:	82	Resp:	21344
Ion	Ratio	Lower	Upper
82	100		
128	54.7	40.6	60.8
54	59.5	49.6	74.4

Instrument :
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ClientSampleId :
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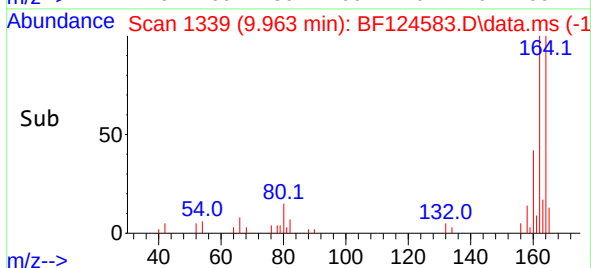
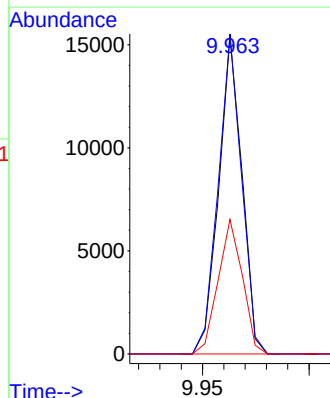
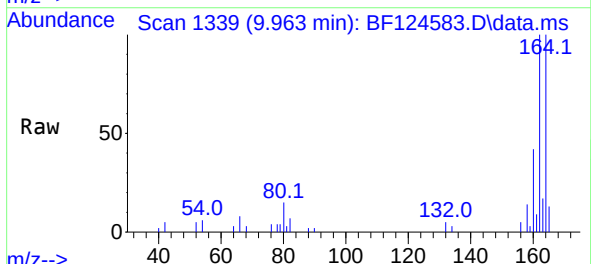
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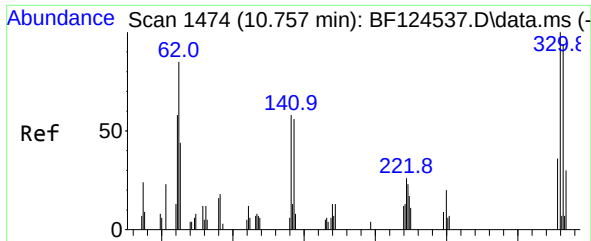
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF124583.D
Acq: 15 Jul 2021 21:25

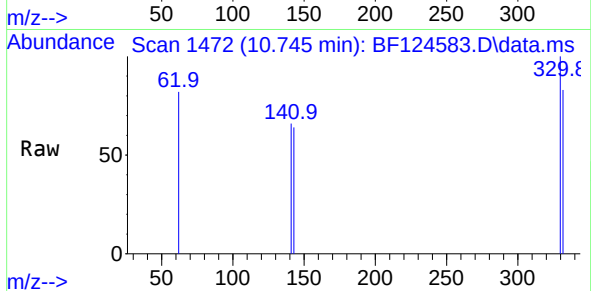
Tgt Ion:	164	Resp:	11659
Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.3	121.9
160	42.2	38.0	57.0





#42
2,4,6-Tribromophenol
Concen: 2.271 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.012 min
Lab File: BF124583.D
Acq: 15 Jul 2021 21:25

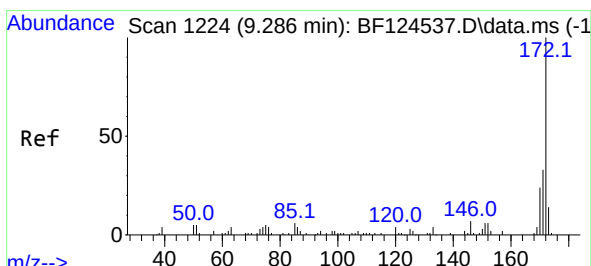
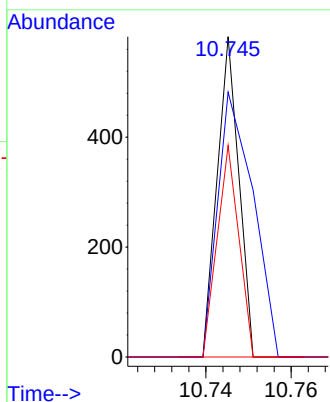
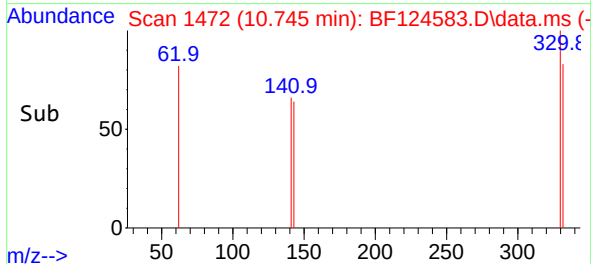
Instrument :
BNA_F
ClientSampleId :
ABN-JG-2RE



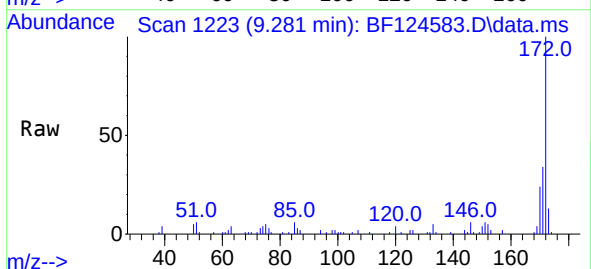
Tgt Ion: 330 Resp: 206
Ion Ratio Lower Upper
330 100
332 134.5 76.2 114.4#
141 66.0 44.6 66.8

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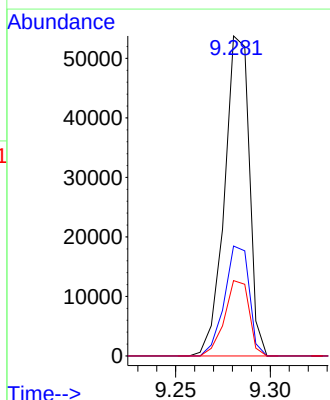
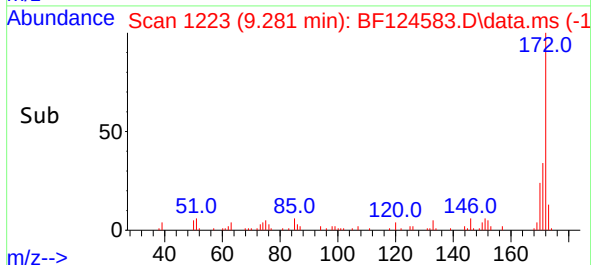
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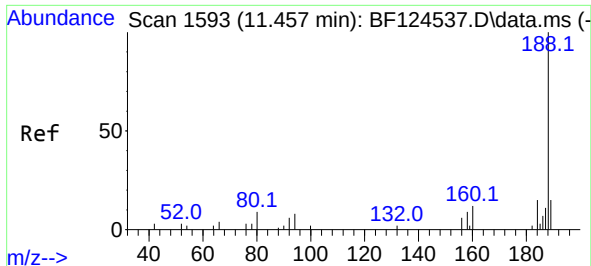


#45
2-Fluorobiphenyl
Concen: 61.223 ng
RT: 9.281 min Scan# 1223
Delta R.T. -0.005 min
Lab File: BF124583.D
Acq: 15 Jul 2021 21:25



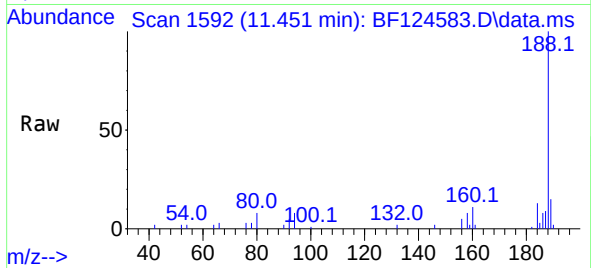
Tgt Ion: 172 Resp: 48949
Ion Ratio Lower Upper
172 100
171 34.4 26.5 39.7
170 23.6 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF124583.D
Acq: 15 Jul 2021 21:25

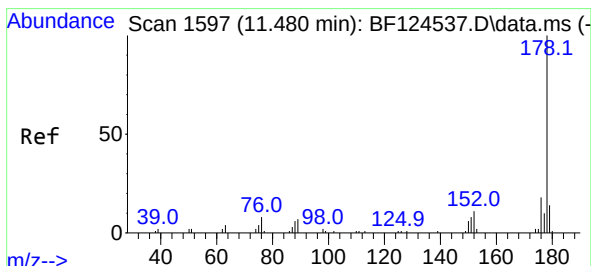
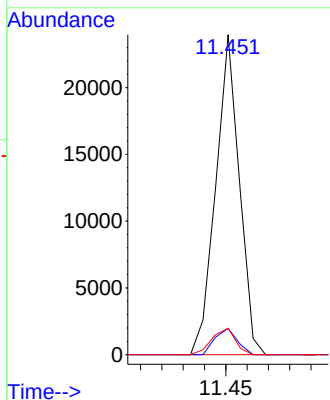
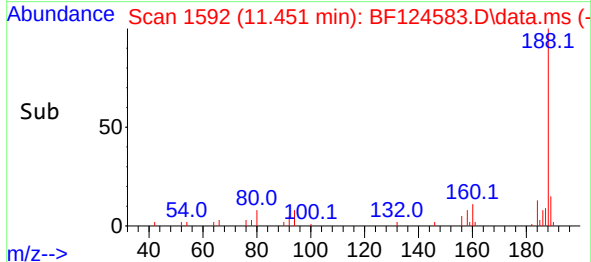
Instrument :
BNA_F
ClientSampled :
ABN-JG-2RE



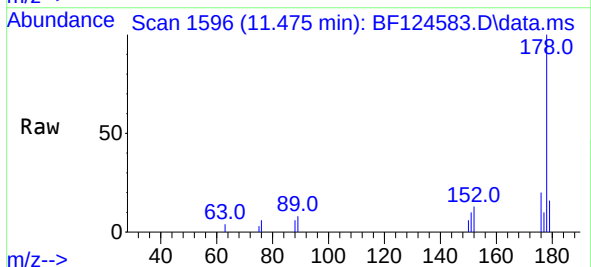
Tgt Ion:188 Resp: 18401
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 8.2 7.5 11.3

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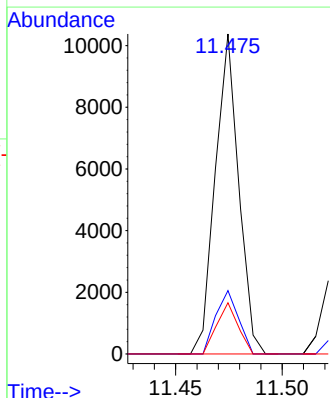
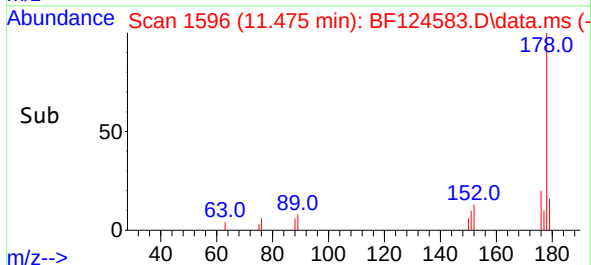
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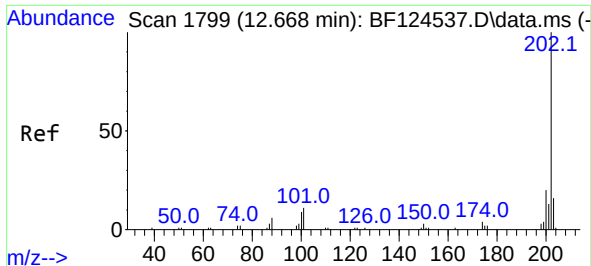


#71
Phenanthrene
Concen: 7.903 ng
RT: 11.475 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BF124583.D
Acq: 15 Jul 2021 21:25



Tgt Ion:178 Resp: 7934
Ion Ratio Lower Upper
178 100
176 19.8 14.7 22.1
179 16.0 11.5 17.3





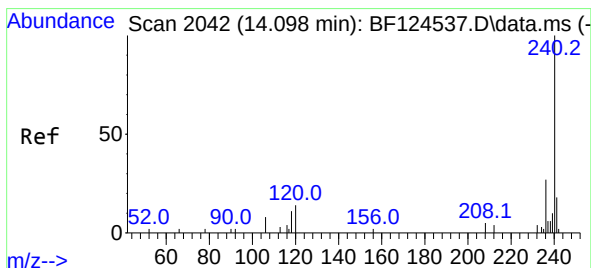
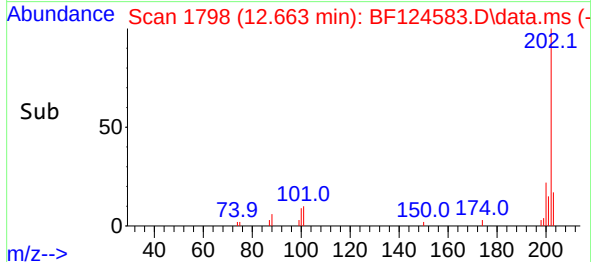
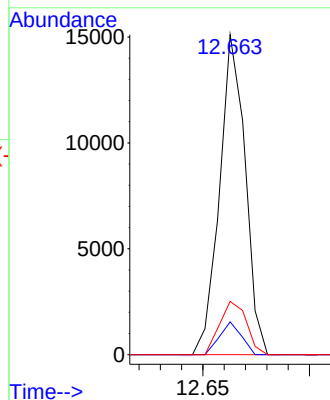
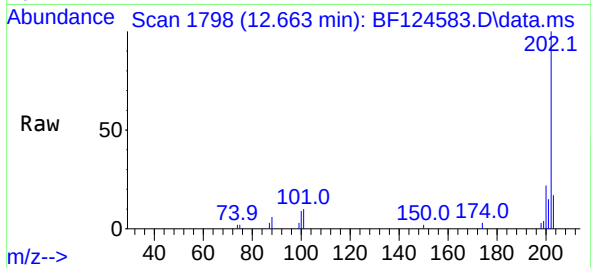
#75
Fluoranthene
Concen: 12.478 ng
RT: 12.663 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF124583.D
Acq: 15 Jul 2021 21:25

Tgt Ion:	202	Resp:	12639
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	30.7
203	16.7	0.0	36.3

Instrument :
BNA_F
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ABN-JG-2RE

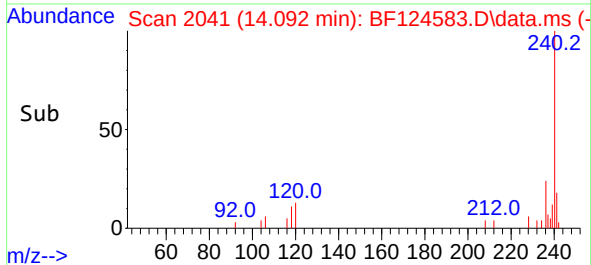
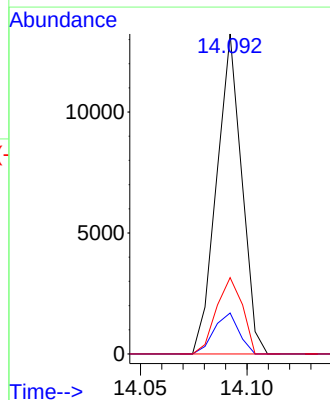
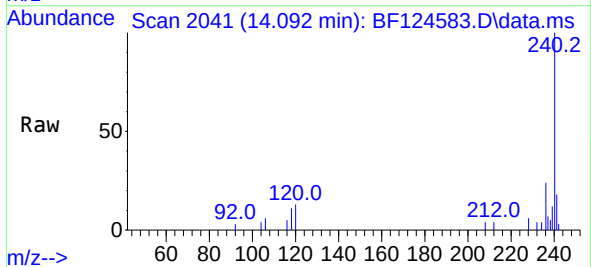
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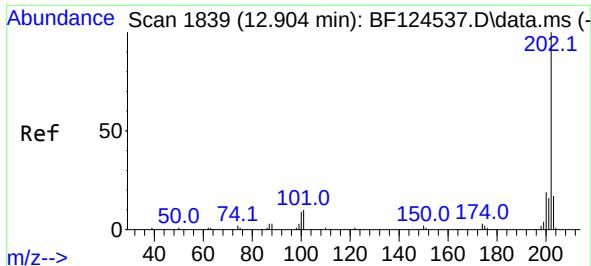
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF124583.D
Acq: 15 Jul 2021 21:25

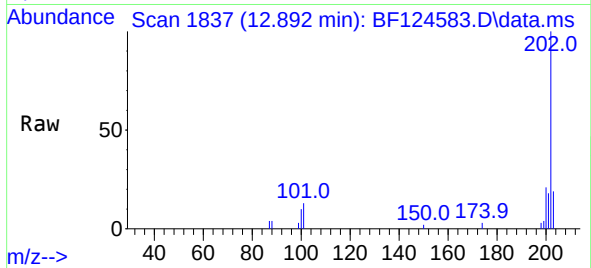
Tgt Ion:	240	Resp:	10831
Ion Ratio	Lower	Upper	
240	100		
120	12.8	10.8	16.2
236	23.8	21.6	32.4





#78
Pyrene
Concen: 12.417 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.012 min
Lab File: BF124583.D
Acq: 15 Jul 2021 21:25

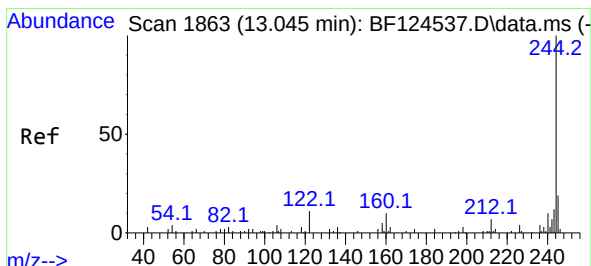
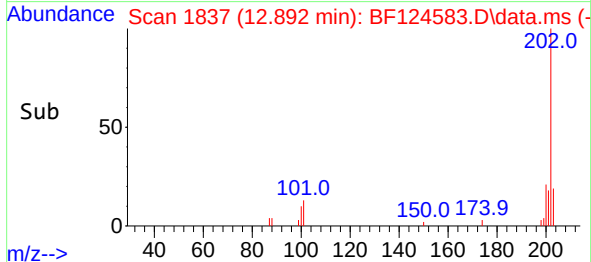
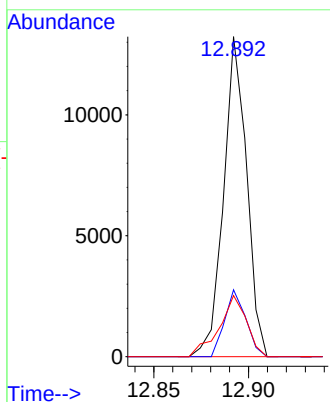
Instrument :
BNA_F
ClientSampleId :
ABN-JG-2RE



Tgt Ion:202 Resp: 11174
Ion Ratio Lower Upper
202 100
200 20.9 15.3 22.9
203 19.1 13.4 20.0

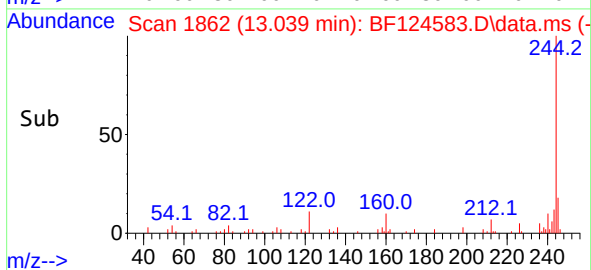
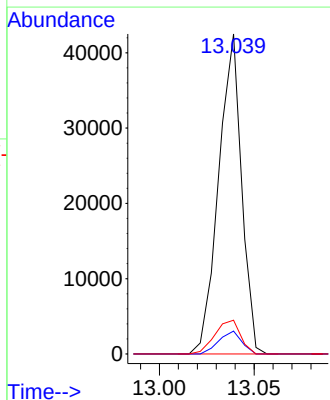
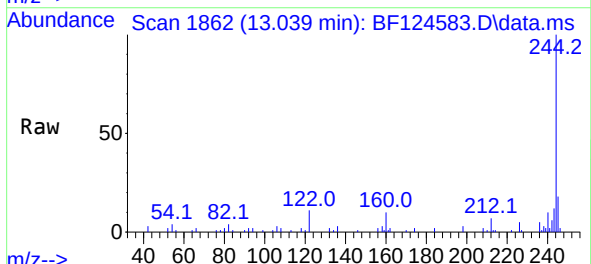
Manual Integrations
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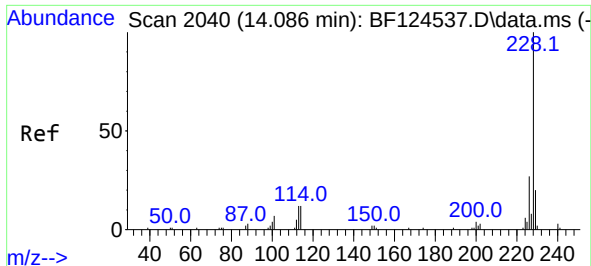
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#79
Terphenyl-d14
Concen: 55.537 ng
RT: 13.039 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BF124583.D
Acq: 15 Jul 2021 21:25

Tgt Ion:244 Resp: 35822
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 10.5 9.0 13.4





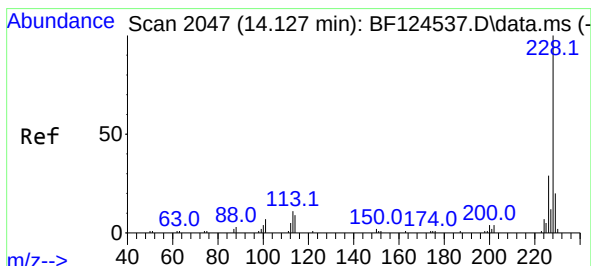
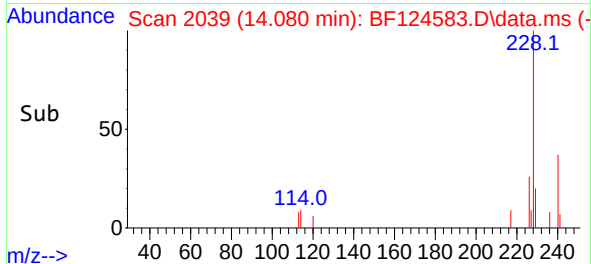
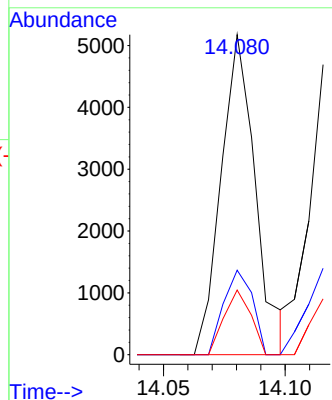
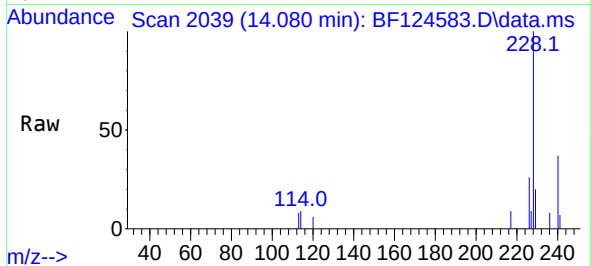
#81
Benzo(a)anthracene
Concen: 7.065 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF124583.D
Acq: 15 Jul 2021 21:25

Instrument :
BNA_F
ClientSampled :
ABN-JG-2RE

Tgt Ion:228 Resp: 5075
Ion Ratio Lower Upper
228 100
226 26.4 21.6 32.4
229 20.2 15.6 23.4

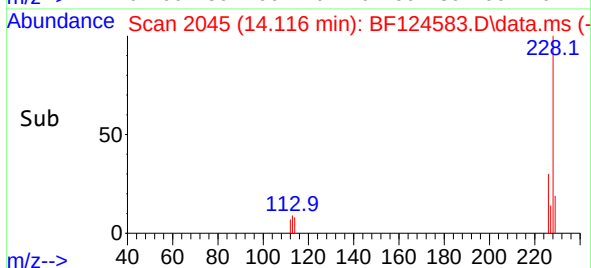
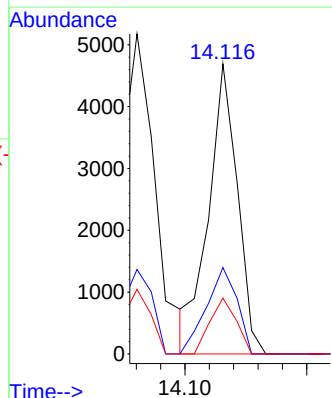
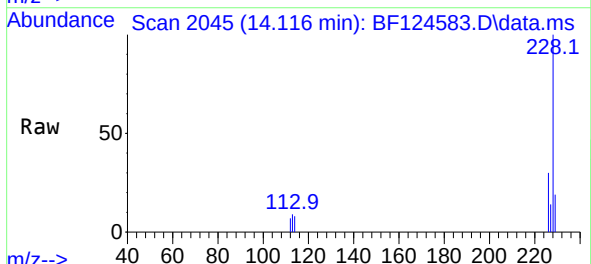
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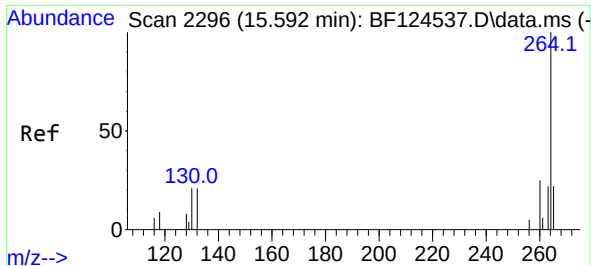
mohammad
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#83
Chrysene
Concen: 5.589 ng
RT: 14.116 min Scan# 2045
Delta R.T. -0.012 min
Lab File: BF124583.D
Acq: 15 Jul 2021 21:25

Tgt Ion:228 Resp: 3846
Ion Ratio Lower Upper
228 100
226 29.8 22.6 34.0
229 19.2 15.9 23.9





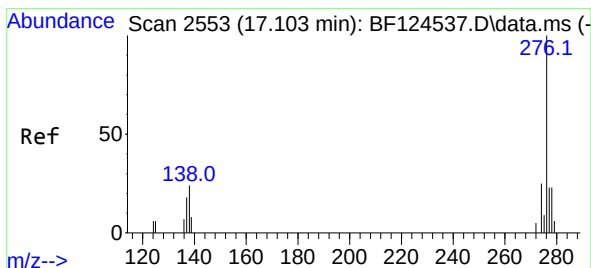
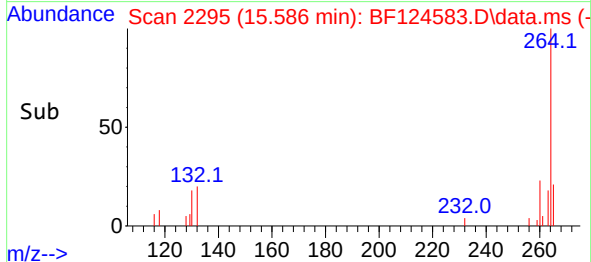
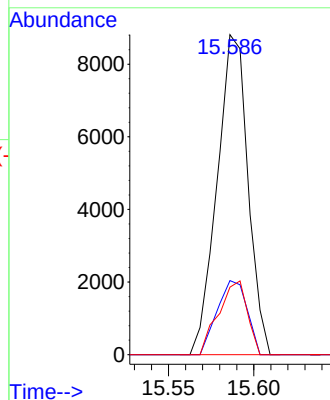
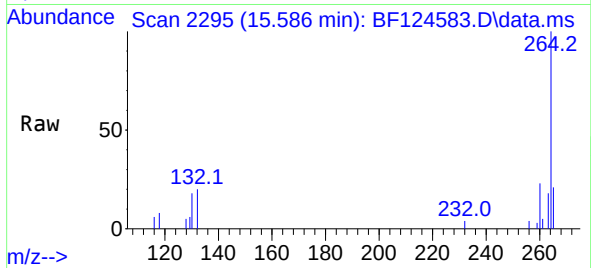
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BF124583.D
Acq: 15 Jul 2021 21:25

Tgt Ion:	264	Resp:	11101
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.6	29.4
265	21.1	17.2	25.8

Instrument :
BNA_F
ClientSampled :
ABN-JG-2RE

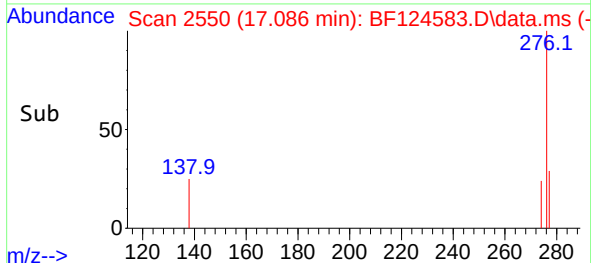
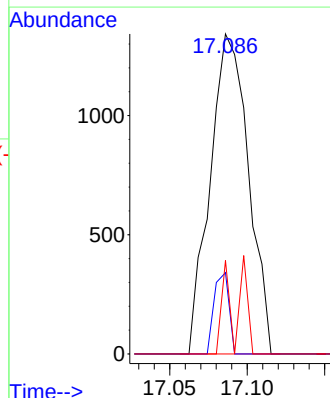
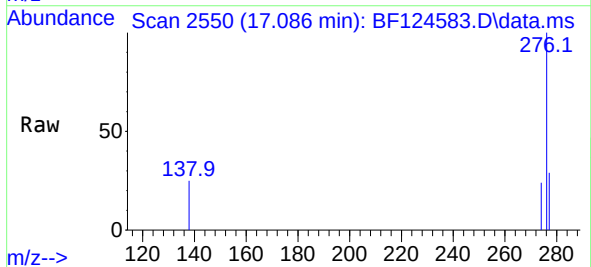
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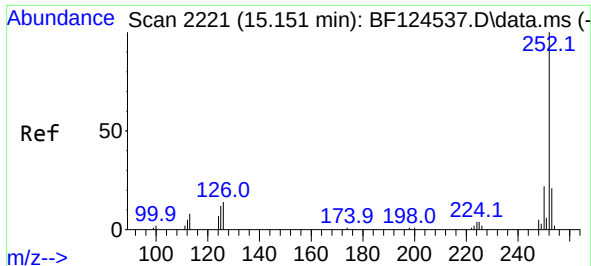
mohammad
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#87
Indeno(1,2,3-cd)pyrene
Concen: 3.590 ng
RT: 17.086 min Scan# 2550
Delta R.T. -0.017 min
Lab File: BF124583.D
Acq: 15 Jul 2021 21:25

Tgt Ion:	276	Resp:	2311
Ion Ratio	Lower	Upper	
276	100		
138	9.8	24.1	36.1#
277	12.3	18.8	28.2#





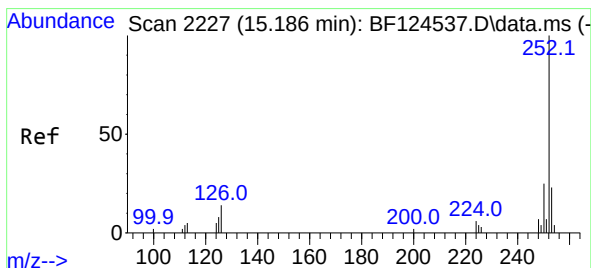
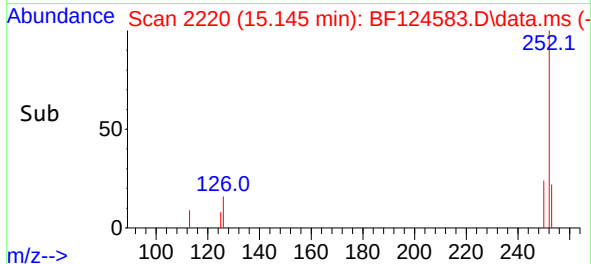
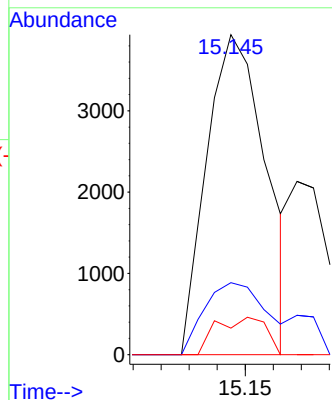
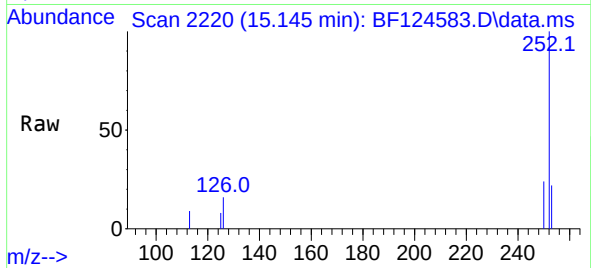
#88
Benzo(b)fluoranthene
Concen: 7.262 ng m
RT: 15.145 min Scan# 2220
Delta R.T. -0.006 min
Lab File: BF124583.D
Acq: 15 Jul 2021 21:25

Tgt Ion:252 Resp: 5786
Ion Ratio Lower Upper
252 100
253 22.5 16.8 25.2
125 8.3 9.8 14.8#

Instrument :
BNA_F
ClientSampleId :
ABN-JG-2RE

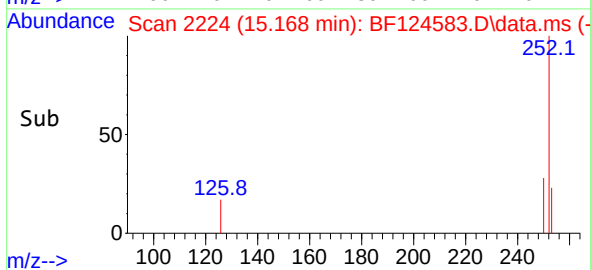
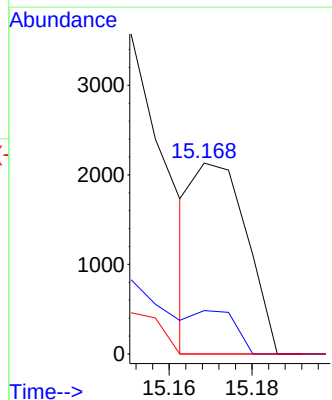
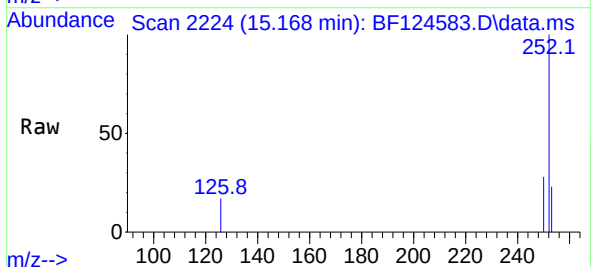
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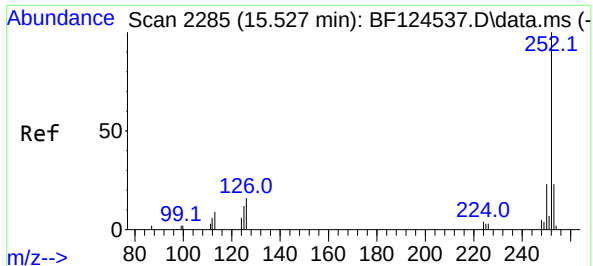
mohammad
7/16/2021 10:55:43 AM



#89
Benzo(k)fluoranthene
Concen: 2.554 ng m
RT: 15.168 min Scan# 2224
Delta R.T. -0.017 min
Lab File: BF124583.D
Acq: 15 Jul 2021 21:25

Tgt Ion:252 Resp: 1867
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 0.0 7.2 10.8#





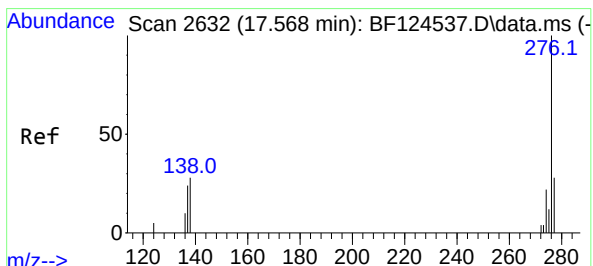
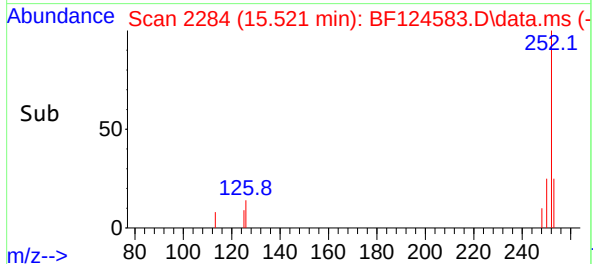
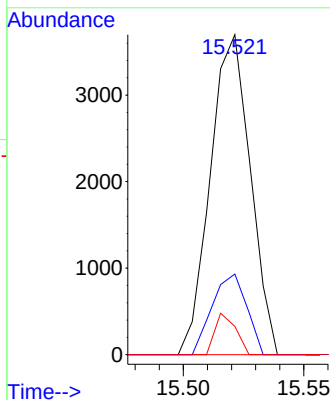
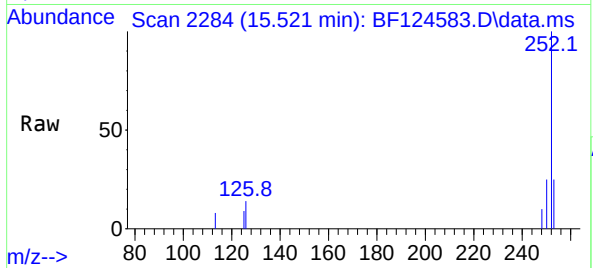
#90
Benzo(a)pyrene
Concen: 6.497 ng m
RT: 15.521 min Scan# 2284
Delta R.T. -0.006 min
Lab File: BF124583.D
Acq: 15 Jul 2021 21:25

Tgt Ion: 252 Resp: 4273
Ion Ratio Lower Upper
252 100
253 25.2 18.4 27.6
125 8.9 9.9 14.9#

Instrument :
BNA_F
ClientSampleId :
ABN-JG-2RE

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.949 ng
RT: 17.551 min Scan# 2629
Delta R.T. -0.017 min
Lab File: BF124583.D
Acq: 15 Jul 2021 21:25

Tgt Ion: 276 Resp: 2113
Ion Ratio Lower Upper
276 100
277 0.0 22.0 33.0#
138 25.2 22.2 33.4

