

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060921\
 Data File : BF124208.D
 Acq On : 9 Jun 2021 14:40
 Operator : JU/CG
 Sample : M2629-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-060721

Manual Integrations
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Quant Time: Jun 09 15:21:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 09 14:34:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	33549	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	130146	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	79155	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	143274	20.000	ng	# 0.00
76) Chrysene-d12	14.015	240	81469	20.000	ng	0.00
86) Perylene-d12	15.486	264	85748	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	189766	85.148	ng	0.00
7) Phenol-d6	6.492	99	241998	80.783	ng	0.00
23) Nitrobenzene-d5	7.410	82	183898	56.042	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	95529	85.185	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	358164	56.939	ng	0.00
79) Terphenyl-d14	12.957	244	361651	60.947	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.392	178	37344	4.172	ng	94
75) Fluoranthene	12.586	202	49591	5.279	ng	95
78) Pyrene	12.815	202	38650	4.940	ng	96
81) Benzo(a)anthracene	14.004	228	13722	2.312	ng	99
83) Chrysene	14.039	228	13200m	2.305	ng	
87) Indeno(1,2,3-cd)pyrene	16.968	276	11054	5.744	ng	# 93
88) Benzo(b)fluoranthene	15.056	252	18882m	2.835	ng	
90) Benzo(a)pyrene	15.427	252	13228	2.286	ng	# 87
91) Dibenzo(a,h)anthracene	16.986	278	3492	4.698	ng	# 72
92) Benzo(g,h,i)perylene	17.398	276	9763	5.303	ng	# 93

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

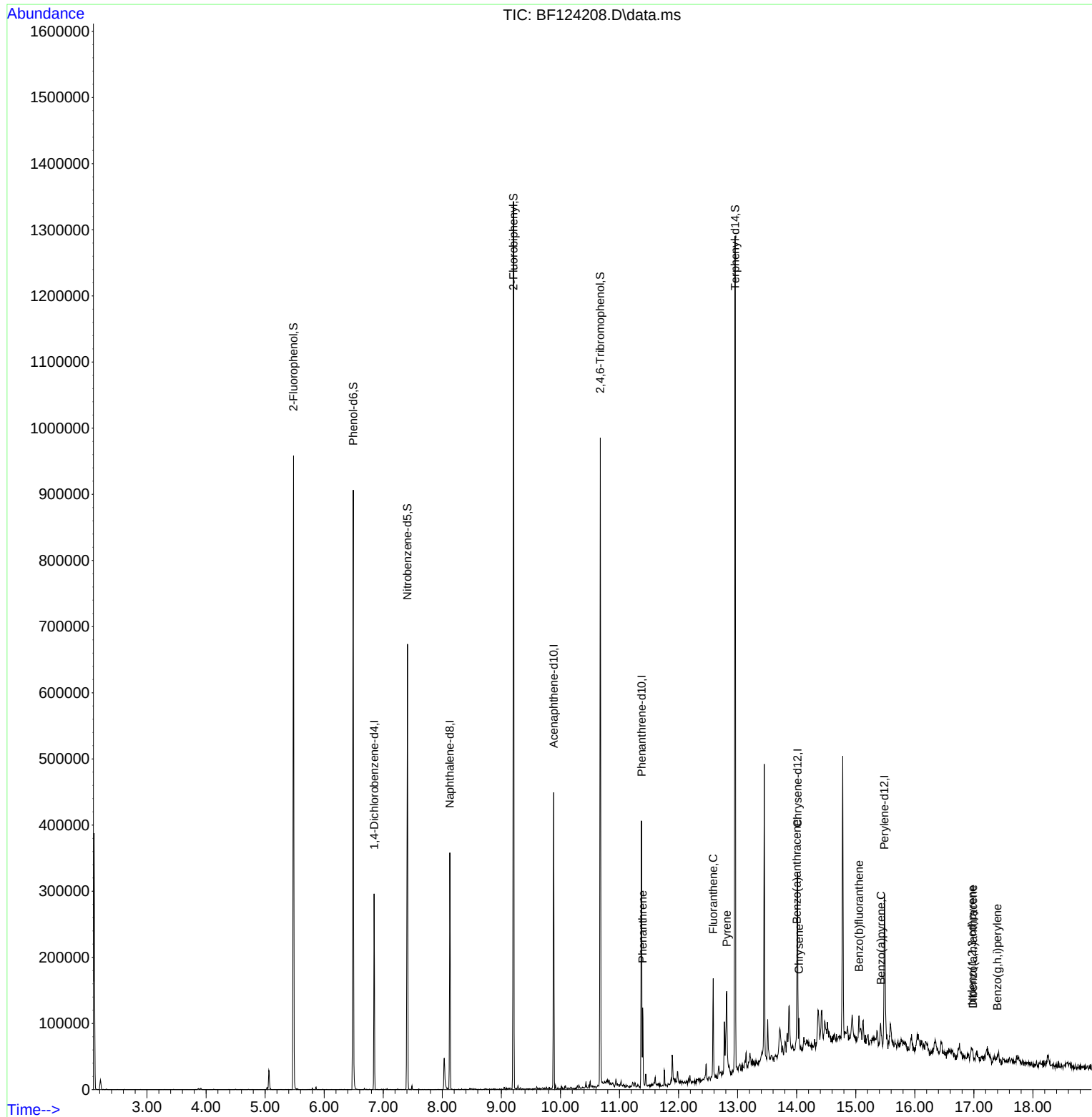
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060921\
Data File : BF124208.D
Acq On : 9 Jun 2021 14:40
Operator : JU/CG
Sample : M2629-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

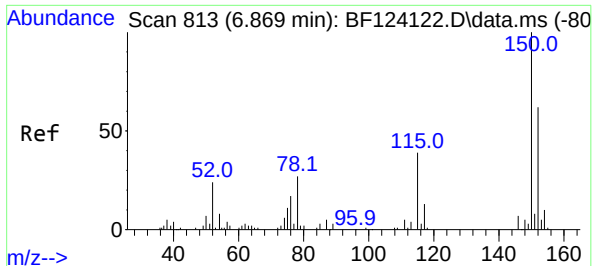
Instrument :
BNA_F
ClientSampleId :
OK-02-060721

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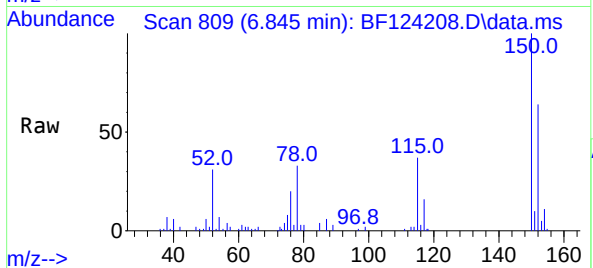
Quant Time: Jun 09 15:21:24 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 09 14:34:04 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF124208.D
Acq: 9 Jun 2021 14:40

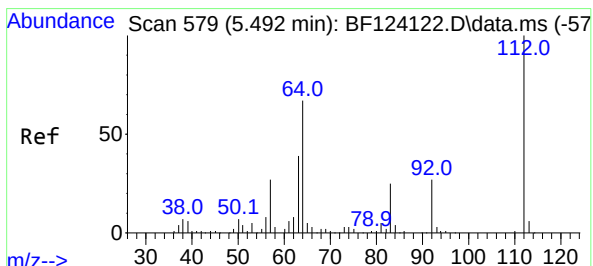
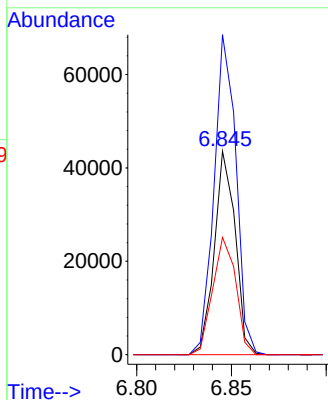
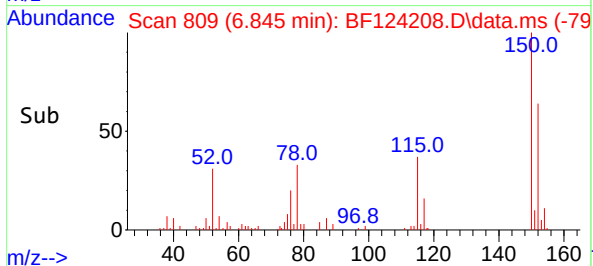
Instrument :
BNA_F
ClientSampled :
OK-02-060721



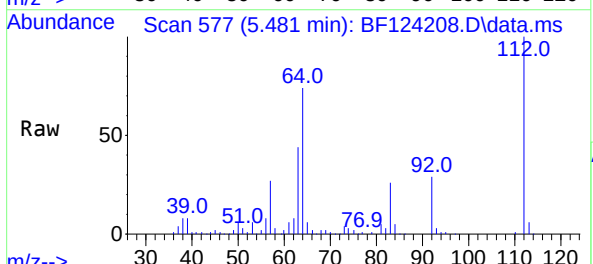
Tgt Ion:152 Resp: 33549
Ion Ratio Lower Upper
152 100
150 157.3 127.0 190.6
115 57.6 54.3 81.5

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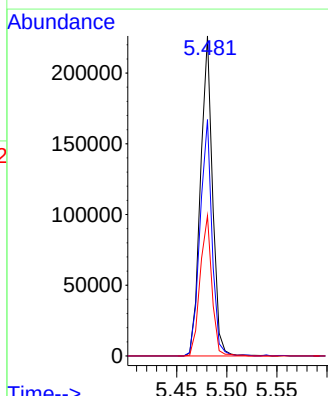
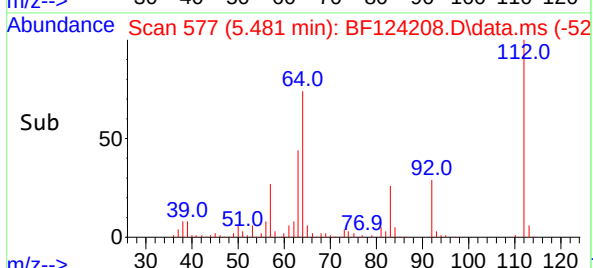
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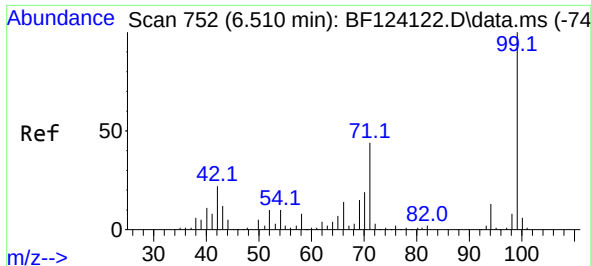


#5
2-Fluorophenol
Concen: 85.148 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF124208.D
Acq: 9 Jun 2021 14:40



Tgt Ion:112 Resp: 189766
Ion Ratio Lower Upper
112 100
64 73.8 61.4 92.0
63 43.8 33.0 49.4





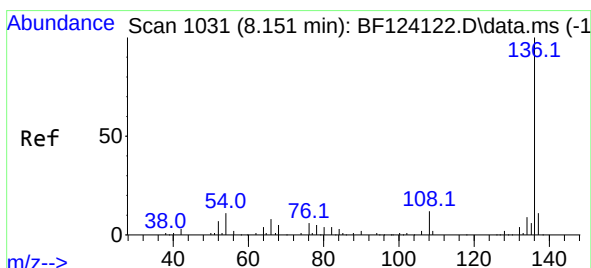
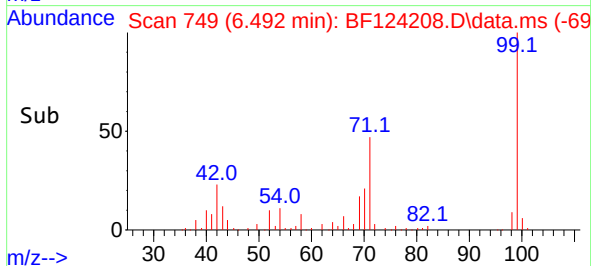
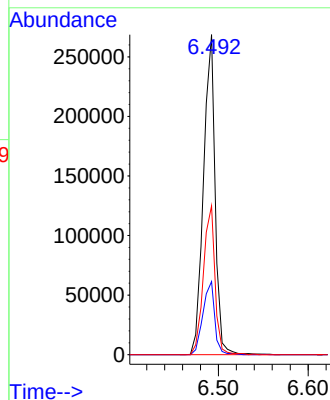
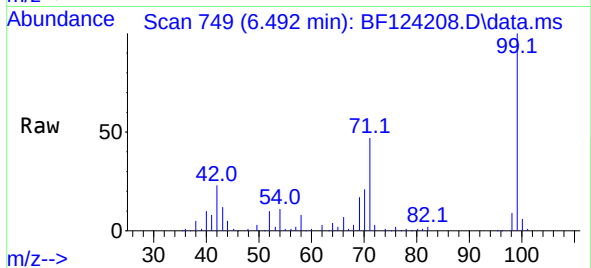
#7
Phenol-d6
Concen: 80.783 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124208.D
Acq: 9 Jun 2021 14:40

Tgt Ion: 99 Resp: 241998
Ion Ratio Lower Upper
99 100
42 22.9 19.8 29.8
71 46.5 31.1 46.7

Instrument :
BNA_F
ClientSampleId :
OK-02-060721

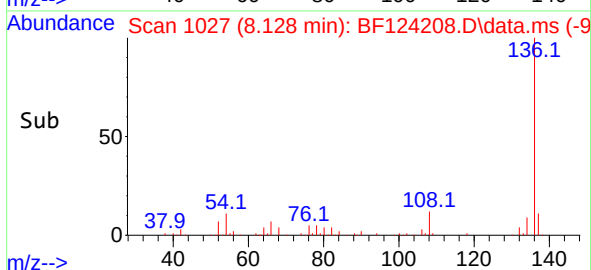
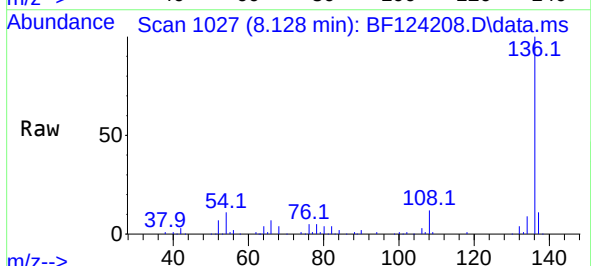
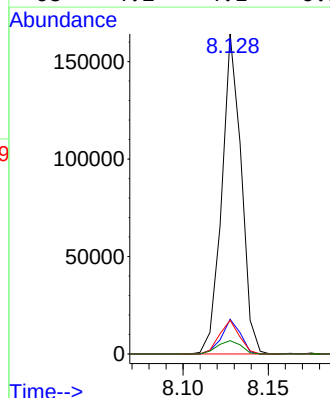
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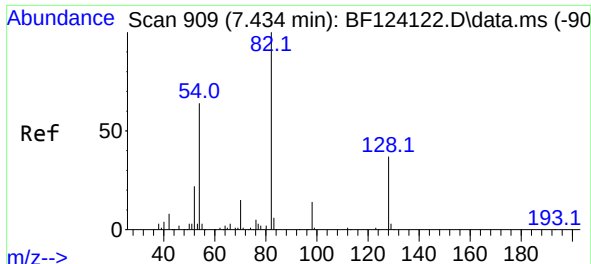
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF124208.D
Acq: 9 Jun 2021 14:40

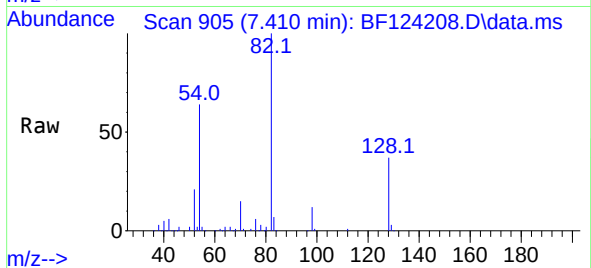
Tgt Ion: 136 Resp: 130146
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 10.6 9.8 14.6
68 4.2 4.1 6.1





#23
Nitrobenzene-d5
Concen: 56.042 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF124208.D
Acq: 9 Jun 2021 14:40

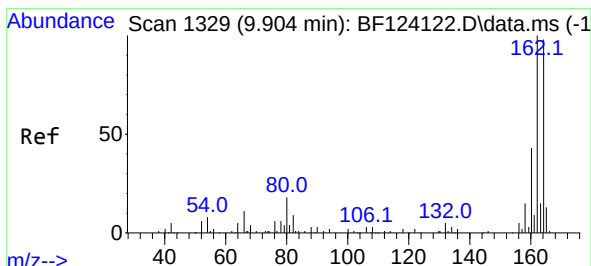
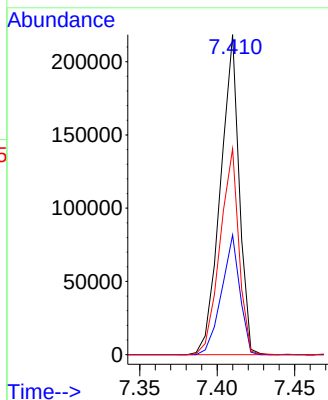
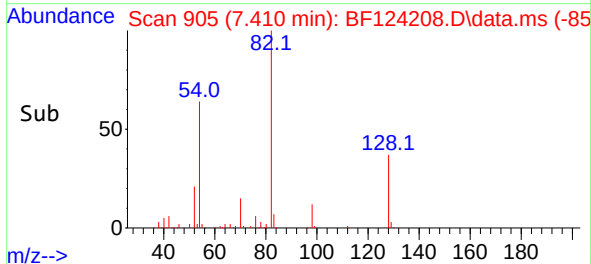
Instrument :
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ClientSampleId :
OK-02-060721



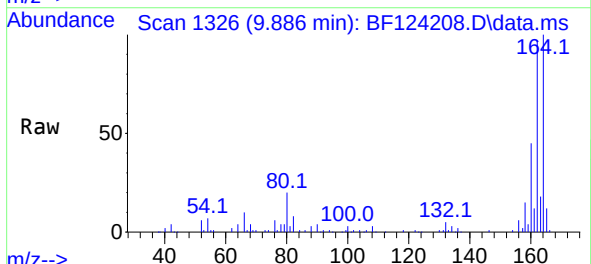
Tgt Ion: 82 Resp: 183898
Ion Ratio Lower Upper
82 100
128 37.4 29.4 44.2
54 64.4 54.1 81.1

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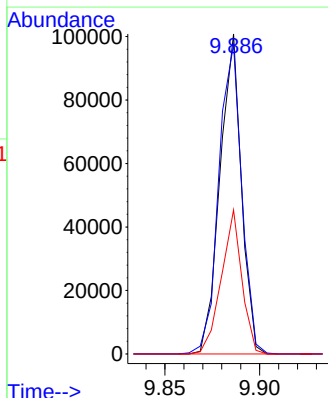
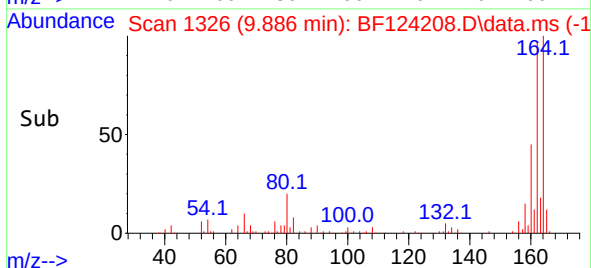
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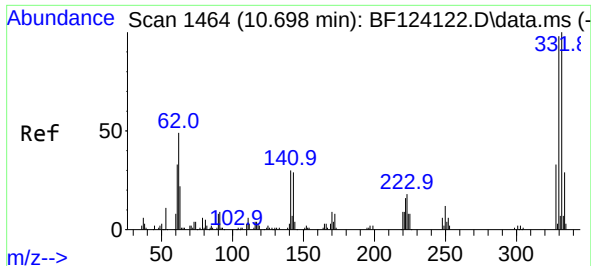


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF124208.D
Acq: 9 Jun 2021 14:40

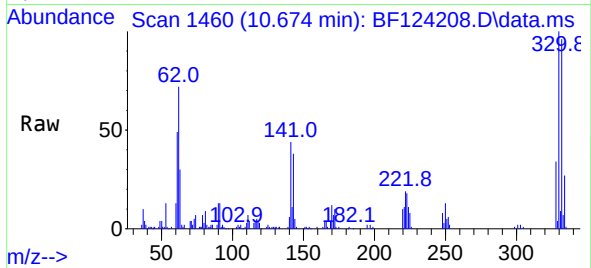


Tgt Ion: 164 Resp: 79155
Ion Ratio Lower Upper
164 100
162 96.7 80.7 121.1
160 45.0 37.3 55.9

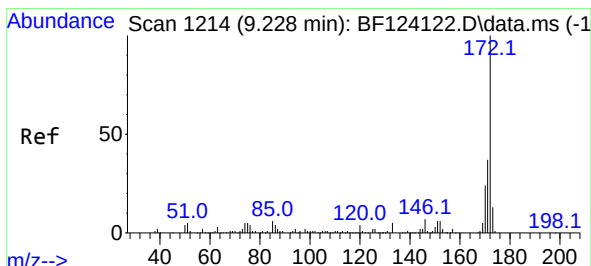
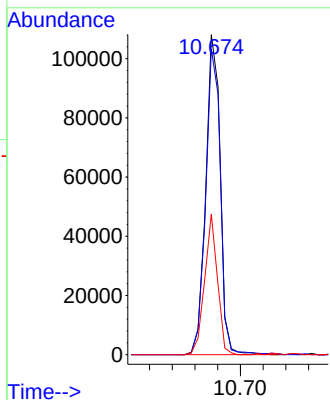
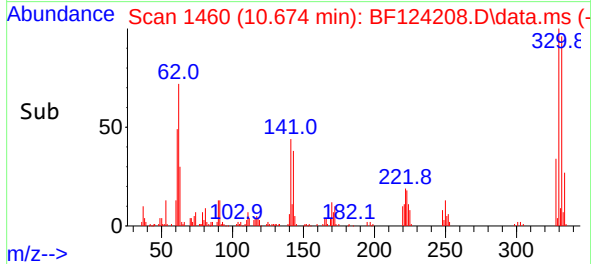




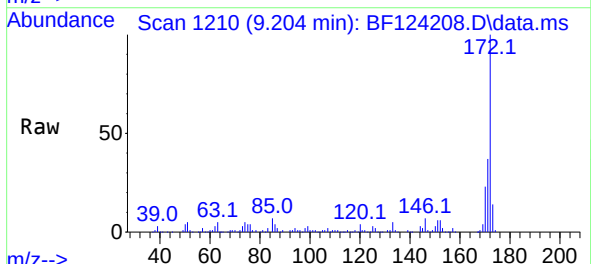
#42
2,4,6-Tribromophenol
Concen: 85.185 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF124208.D
Acq: 9 Jun 2021 14:40



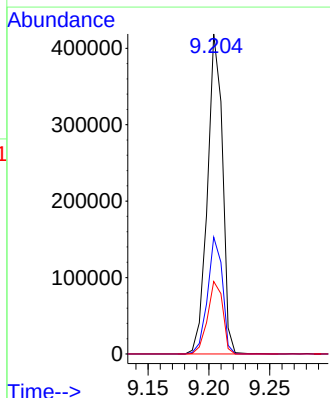
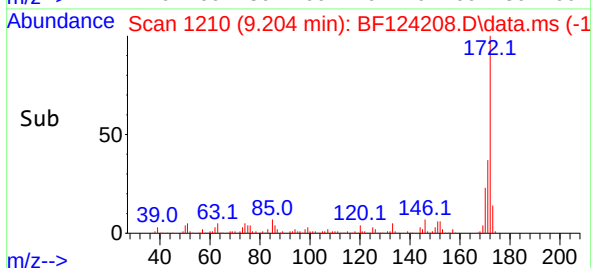
Tgt Ion: 330 Resp: 95529
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 38.9 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 56.939 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF124208.D
Acq: 9 Jun 2021 14:40



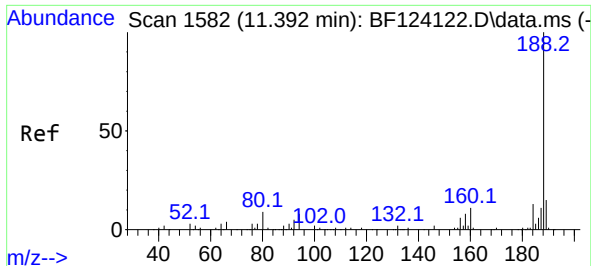
Tgt Ion: 172 Resp: 358164
Ion Ratio Lower Upper
172 100
171 36.5 28.1 42.1
170 22.6 19.2 28.8



Instrument :
BNA_F
ClientSampled :
OK-02-060721

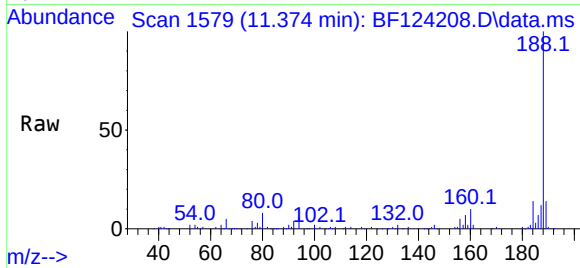
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF124208.D
Acq: 9 Jun 2021 14:40

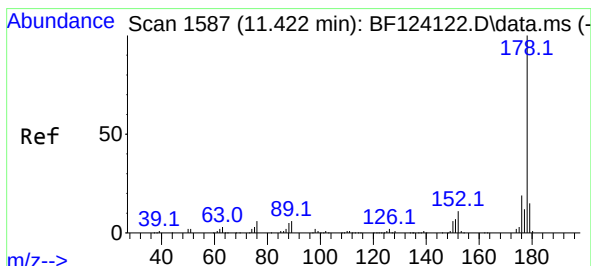
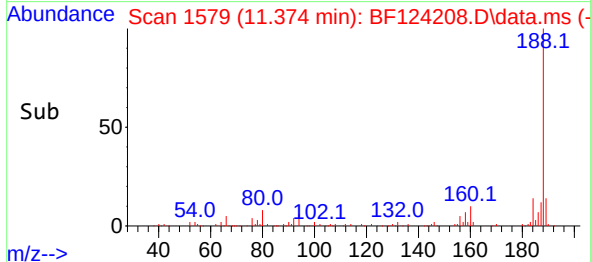
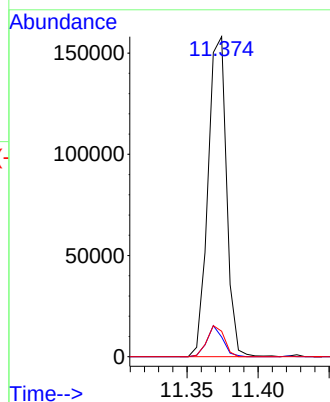
Instrument :
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ClientSampleId :
OK-02-060721



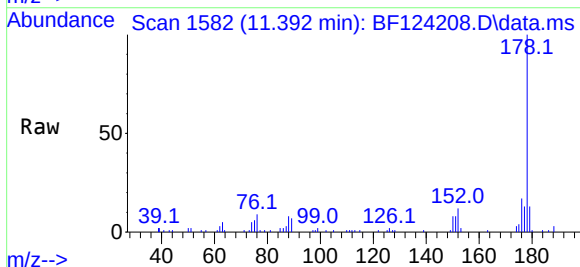
Tgt Ion:188 Resp: 143274
Ion Ratio Lower Upper
188 100
94 6.2 6.9 10.3#
80 8.0 8.2 12.2#

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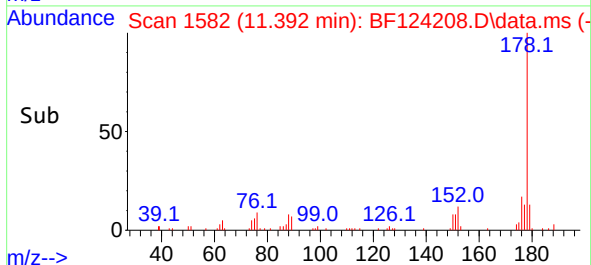
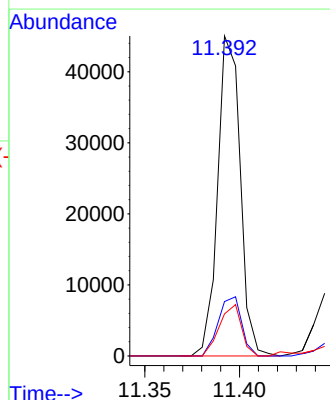
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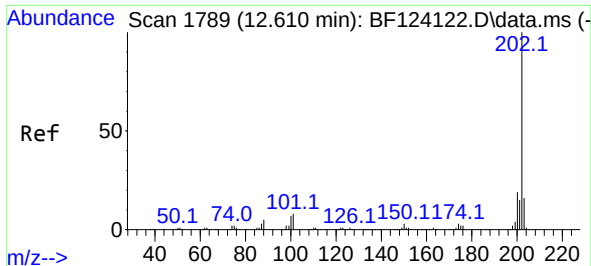


#71
Phenanthrene
Concen: 4.172 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF124208.D
Acq: 9 Jun 2021 14:40



Tgt Ion:178 Resp: 37344
Ion Ratio Lower Upper
178 100
176 17.0 15.6 23.4
179 13.2 12.5 18.7





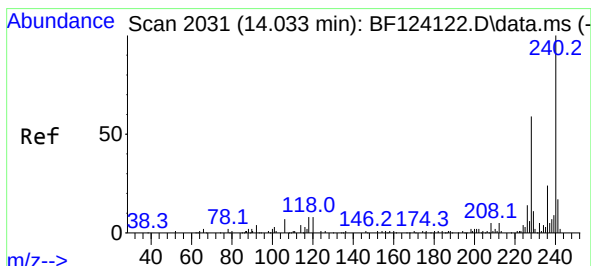
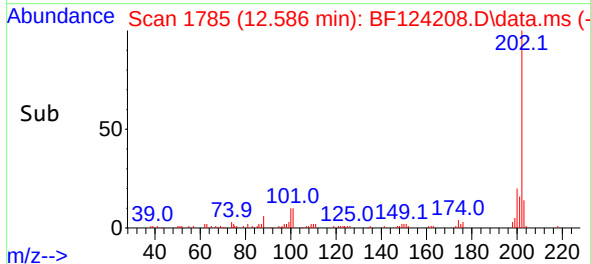
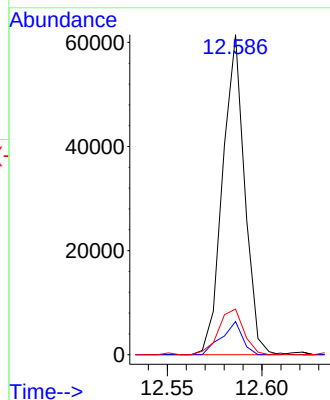
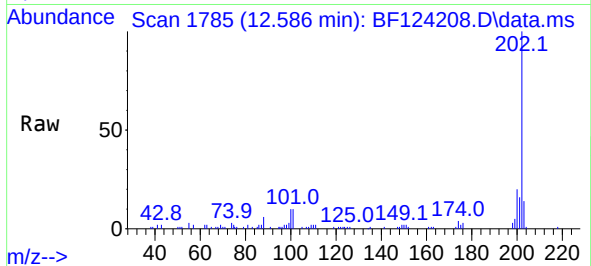
#75
Fluoranthene
Concen: 5.279 ng
RT: 12.586 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF124208.D
Acq: 9 Jun 2021 14:40

Tgt Ion:202	Resp:	49591
Ion Ratio	Lower	Upper
202	100	
101	10.4	0.0 30.9
203	14.3	0.0 37.5

Instrument :
BNA_F
ClientSampleId :
OK-02-060721

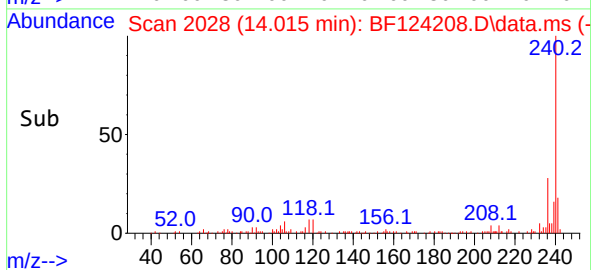
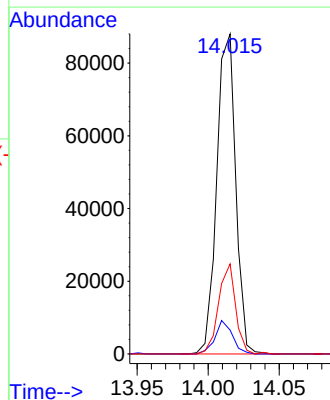
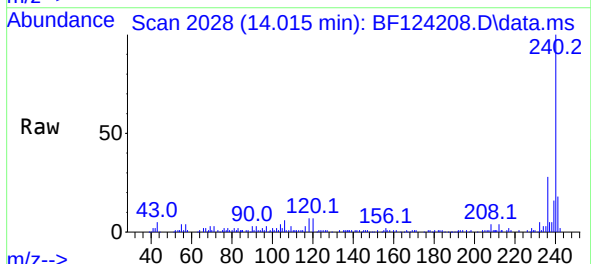
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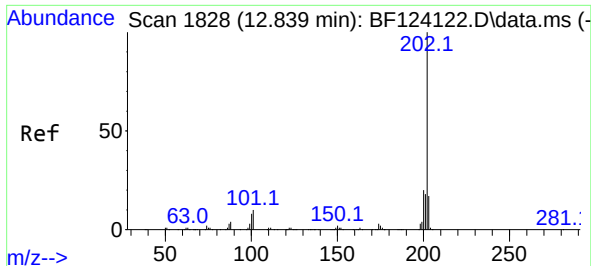
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF124208.D
Acq: 9 Jun 2021 14:40

Tgt Ion:240	Resp:	81469
Ion Ratio	Lower	Upper
240	100	
120	7.4	7.2 10.8
236	28.1	19.0 28.4





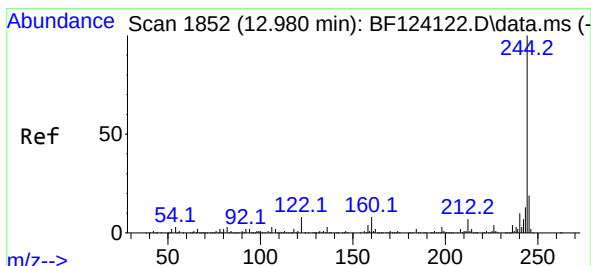
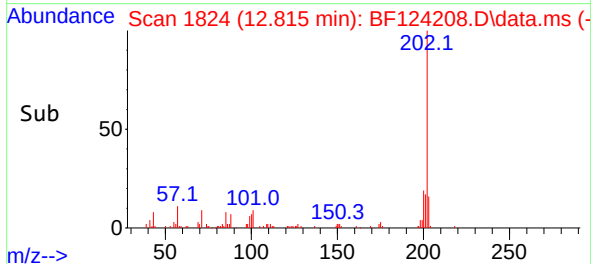
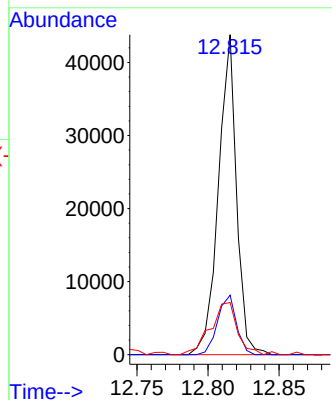
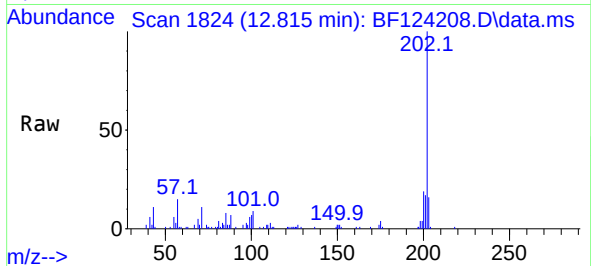
#78
Pyrene
Concen: 4.940 ng
RT: 12.815 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF124208.D
Acq: 9 Jun 2021 14:40

Tgt Ion:	202	Resp:	38650
Ion Ratio	Lower	Upper	
202	100		
200	18.6	16.1	24.1
203	16.3	14.8	22.2

Instrument :
BNA_F
ClientSampleId :
OK-02-060721

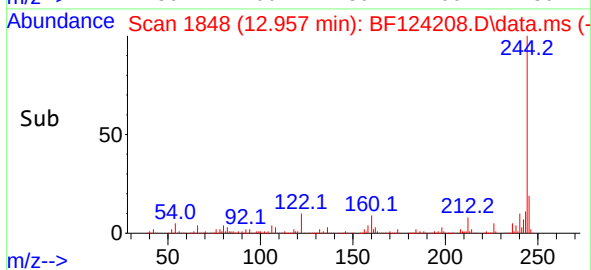
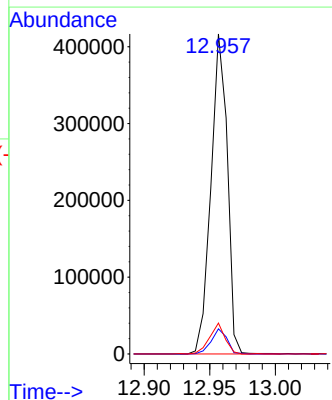
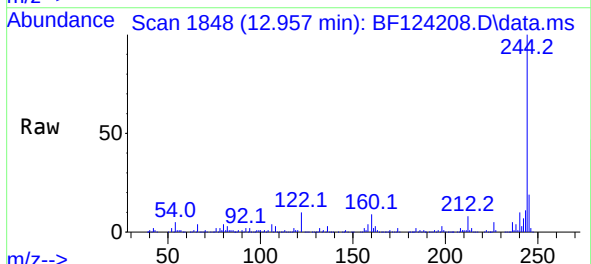
Manual Integrations
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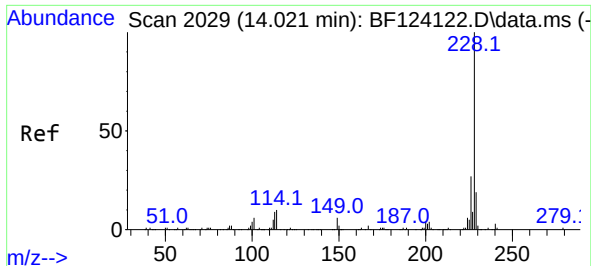
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#79
Terphenyl-d14
Concen: 60.947 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF124208.D
Acq: 9 Jun 2021 14:40

Tgt Ion:	244	Resp:	361651
Ion Ratio	Lower	Upper	
244	100		
212	7.9	5.7	8.5
122	9.6	9.7	14.5#





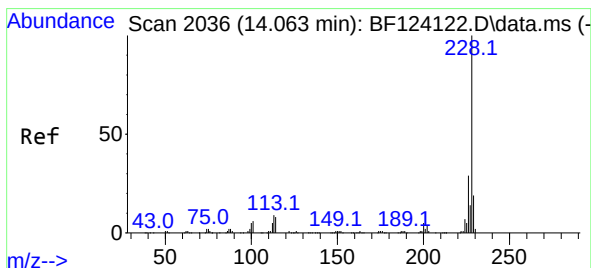
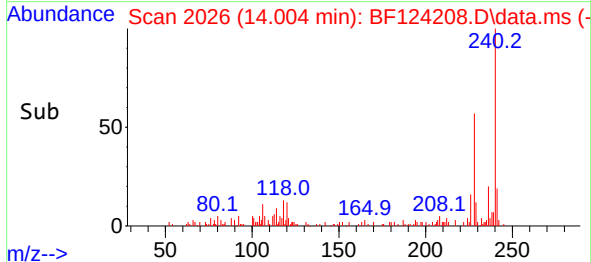
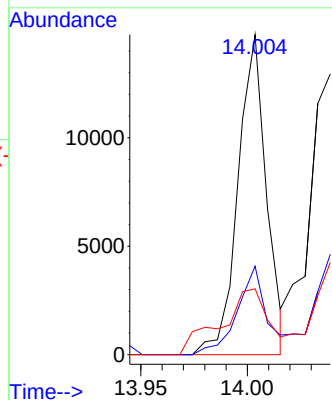
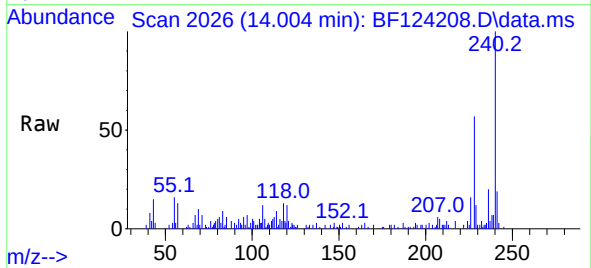
#81
Benzo(a)anthracene
Concen: 2.312 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF124208.D
Acq: 9 Jun 2021 14:40

Tgt Ion:228 Resp: 13722
Ion Ratio Lower Upper
228 100
226 27.7 22.4 33.6
229 20.6 16.0 24.0

Instrument :
BNA_F
ClientSampled :
OK-02-060721

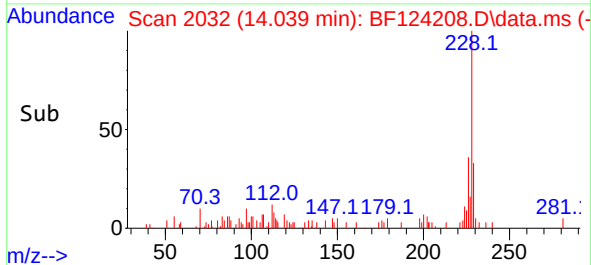
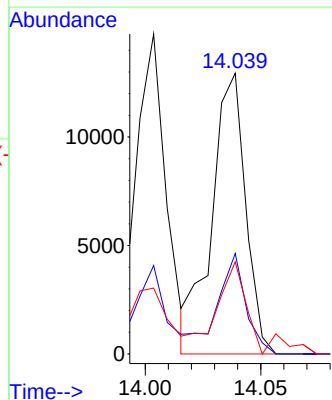
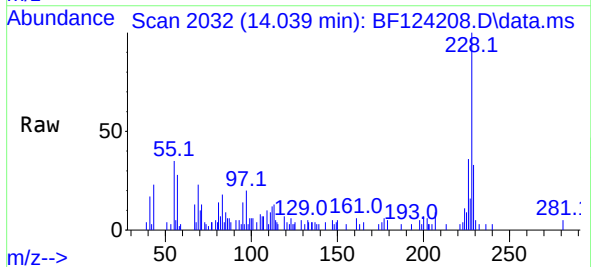
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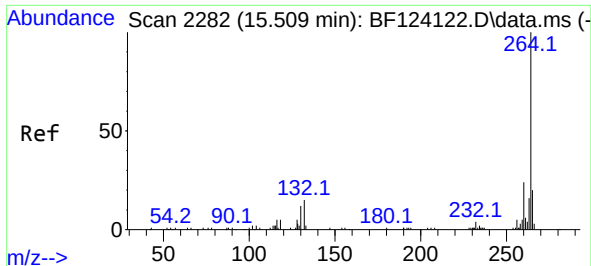
mohammad
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#83
Chrysene
Concen: 2.305 ng m
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF124208.D
Acq: 9 Jun 2021 14:40

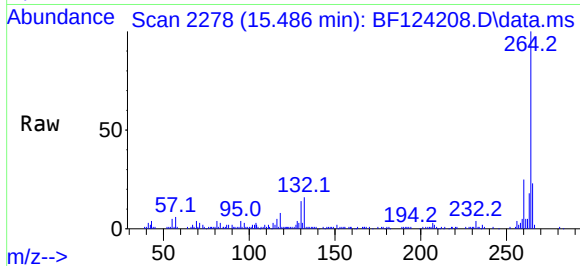
Tgt Ion:228 Resp: 13200
Ion Ratio Lower Upper
228 100
226 35.8 24.3 36.5
229 32.8 16.2 24.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF124208.D
Acq: 9 Jun 2021 14:40

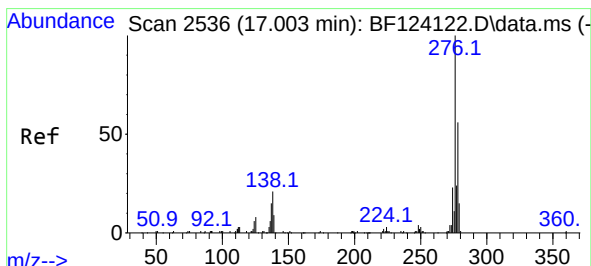
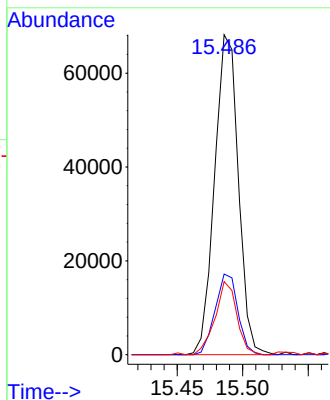
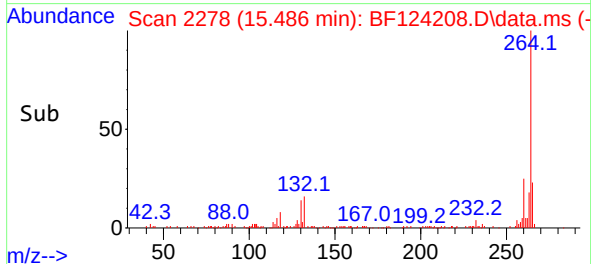
Instrument :
BNA_F
ClientSampled :
OK-02-060721



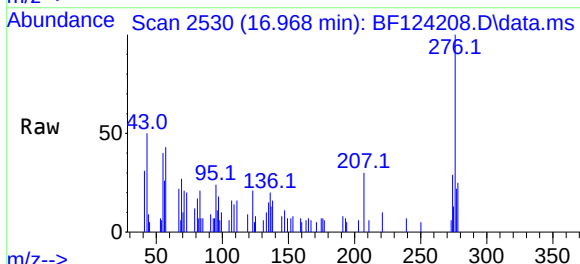
Tgt Ion:264 Resp: 85748
Ion Ratio Lower Upper
264 100
260 25.2 18.7 28.1
265 22.8 17.8 26.8

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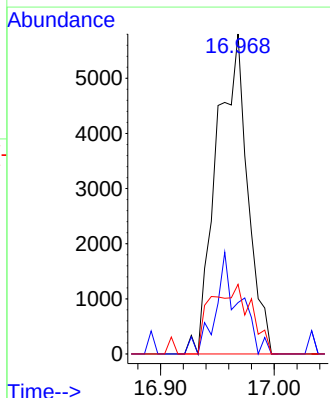
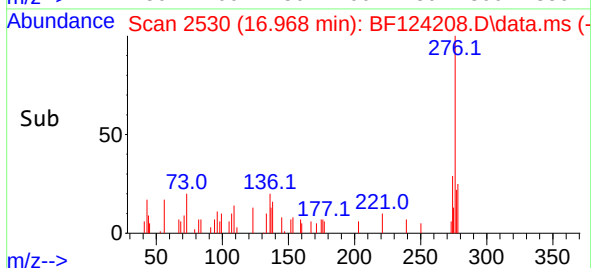
mohammad
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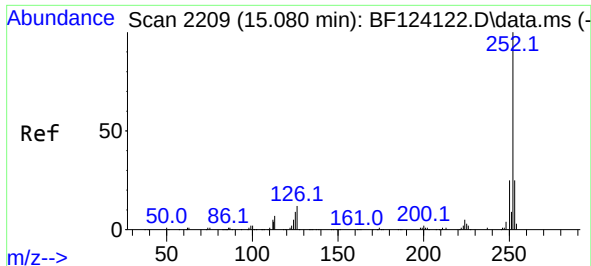


#87
Indeno(1,2,3-cd)pyrene
Concen: 5.744 ng
RT: 16.968 min Scan# 2530
Delta R.T. -0.012 min
Lab File: BF124208.D
Acq: 9 Jun 2021 14:40



Tgt Ion:276 Resp: 11054
Ion Ratio Lower Upper
276 100
138 24.6 16.2 24.2#
277 27.9 20.1 30.1





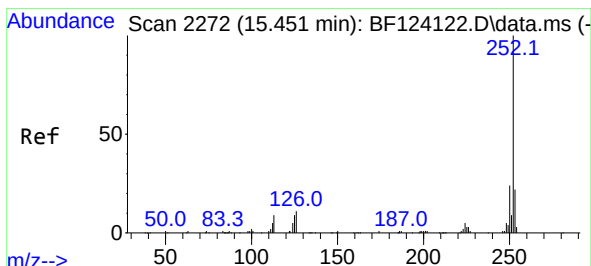
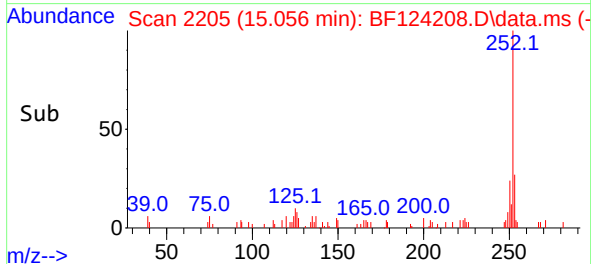
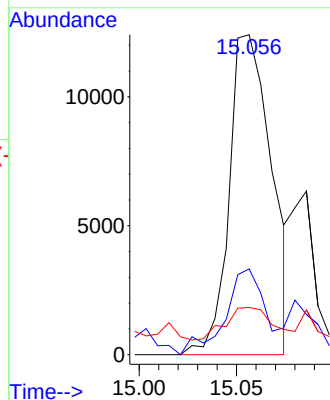
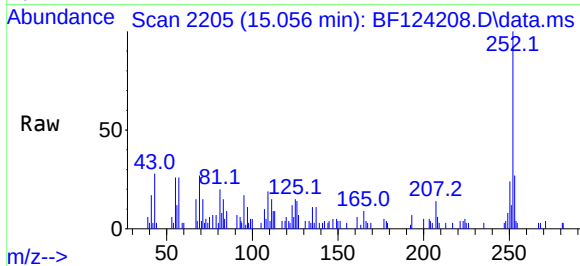
#88
Benzo(b)fluoranthene
Concen: 2.835 ng m
RT: 15.056 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BF124208.D
Acq: 9 Jun 2021 14:40

Tgt Ion:252 Resp: 18882
Ion Ratio Lower Upper
252 100
253 26.8 18.1 27.1
125 14.8 6.2 9.4#

Instrument :
BNA_F
ClientSampled :
OK-02-060721

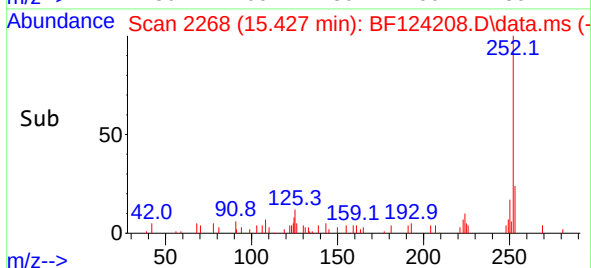
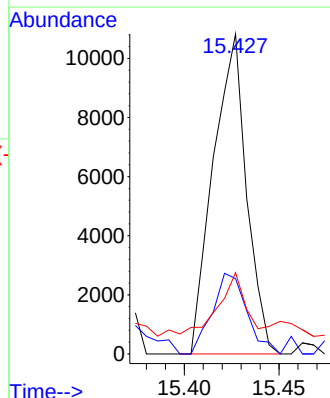
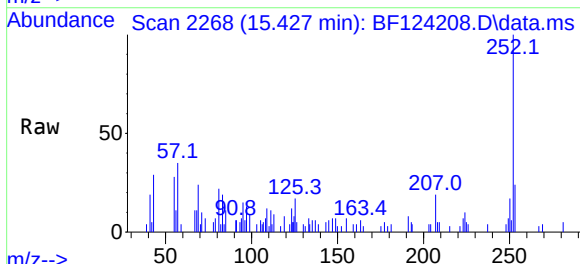
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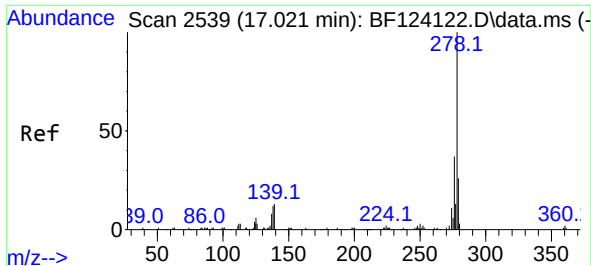
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#90
Benzo(a)pyrene
Concen: 2.286 ng
RT: 15.427 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF124208.D
Acq: 9 Jun 2021 14:40

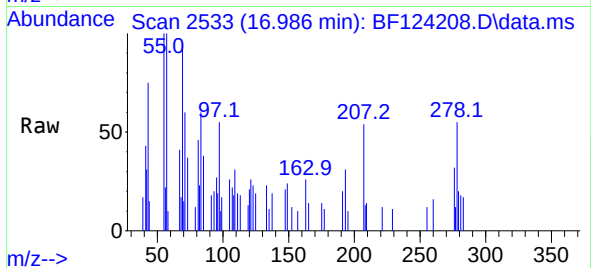
Tgt Ion:252 Resp: 13228
Ion Ratio Lower Upper
252 100
253 23.6 18.4 27.6
125 25.4 8.0 12.0#





#91
Dibenzo(a,h)anthracene
Concen: 4.698 ng
RT: 16.986 min Scan# 2533
Delta R.T. -0.006 min
Lab File: BF124208.D
Acq: 9 Jun 2021 14:40

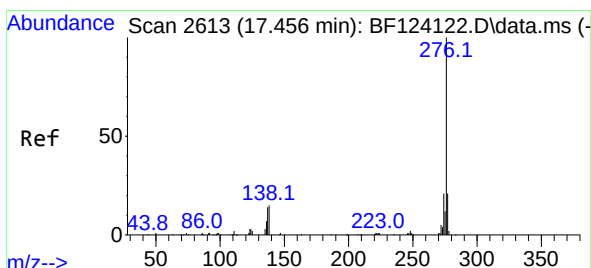
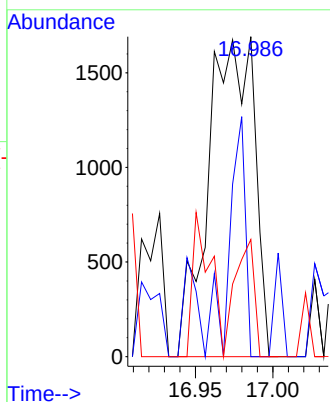
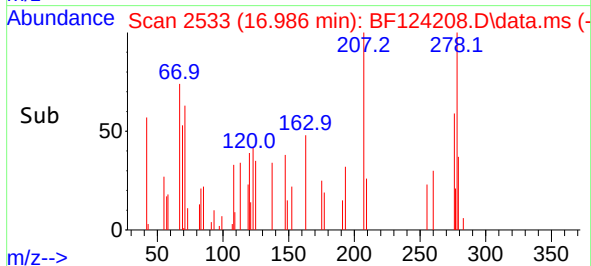
Instrument :
BNA_F
ClientSampled :
OK-02-060721



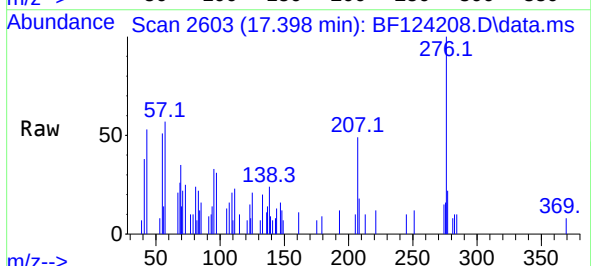
Tgt Ion:278 Resp: 3492
Ion Ratio Lower Upper
278 100
139 0.0 10.2 15.2#
279 36.6 19.4 29.0#

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#92
Benzo(g,h,i)perylene
Concen: 5.303 ng
RT: 17.398 min Scan# 2603
Delta R.T. -0.035 min
Lab File: BF124208.D
Acq: 9 Jun 2021 14:40



Tgt Ion:276 Resp: 9763
Ion Ratio Lower Upper
276 100
277 22.3 18.2 27.2
138 24.0 13.8 20.6#

