

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
 Data File : BF124403.D
 Acq On : 21 Jun 2021 20:36
 Operator : JU/CG
 Sample : M2775-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PILE

Quant Time: Jun 22 01:33:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 15 20:09:26 2021
 Response via : Initial Calibration

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

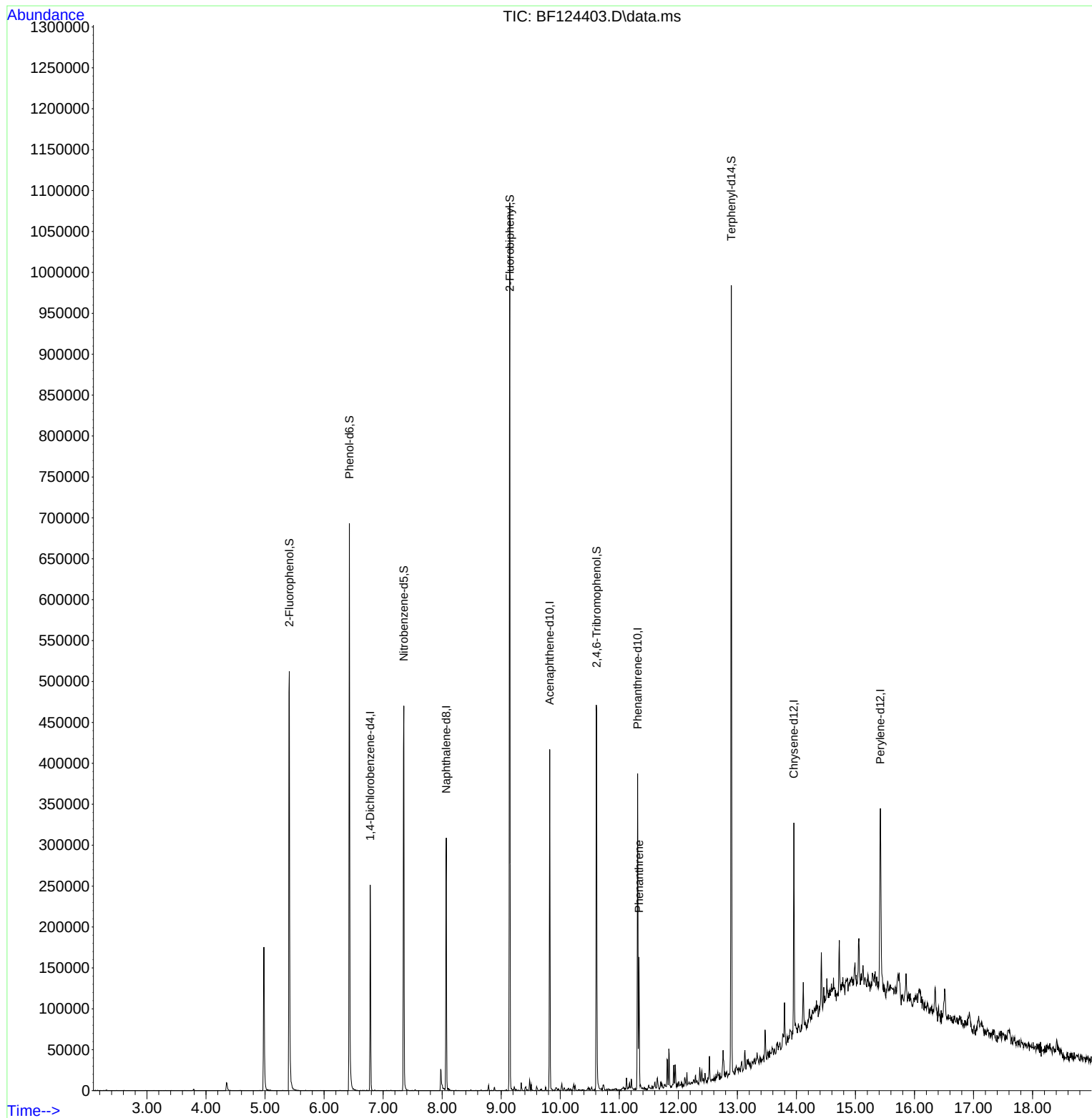
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	31902	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	122798	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	69978	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	122948	20.000	ng	0.00
76) Chrysene-d12	13.957	240	73840	20.000	ng	0.00
86) Perylene-d12	15.421	264	79874	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	130672	61.659	ng	0.00
7) Phenol-d6	6.428	99	179187	62.903	ng	-0.02
23) Nitrobenzene-d5	7.351	82	143589	46.376	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	55175	55.653	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	282978	50.886	ng	0.00
79) Terphenyl-d14	12.898	244	262817	48.867	ng	0.00
Target Compounds						
71) Phenanthrene	11.333	178	53573	6.975	ng	Qvalue 95

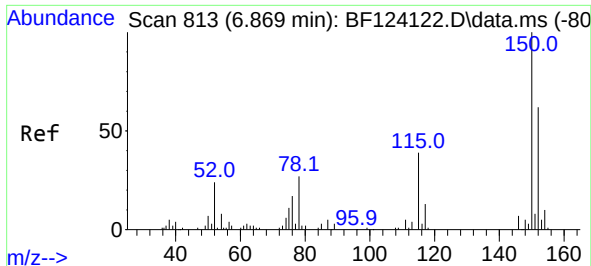
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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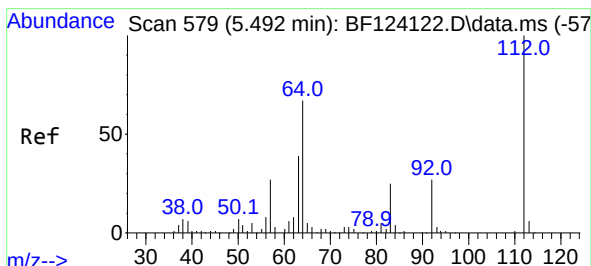
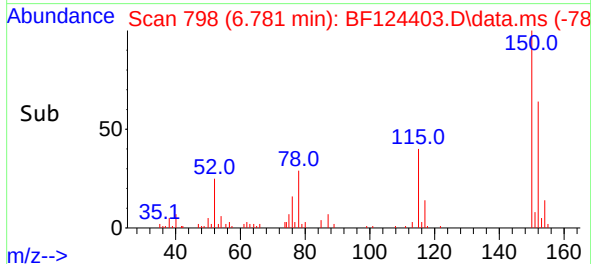
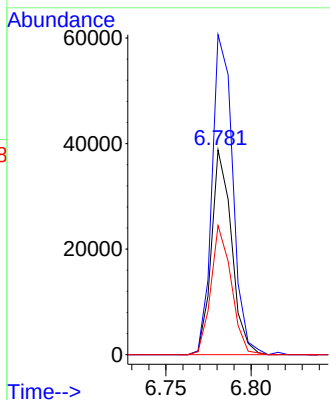
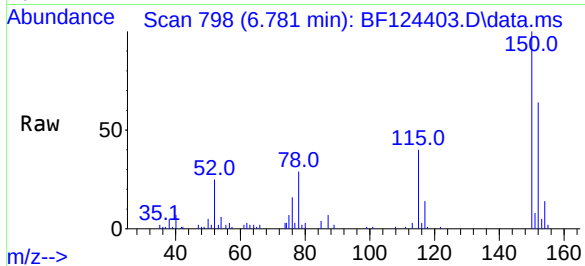




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124403.D
Acq: 21 Jun 2021 20:36

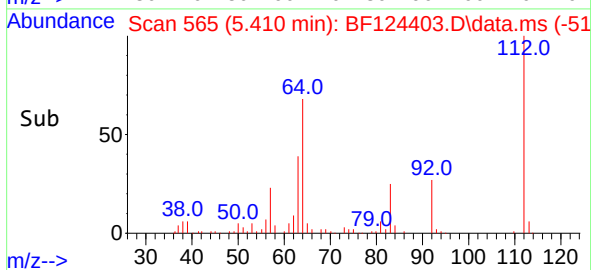
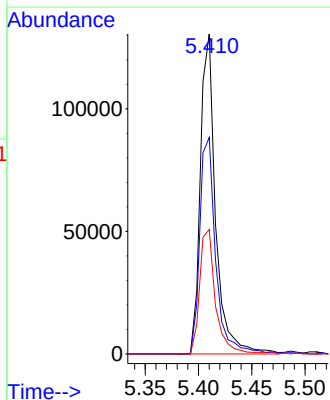
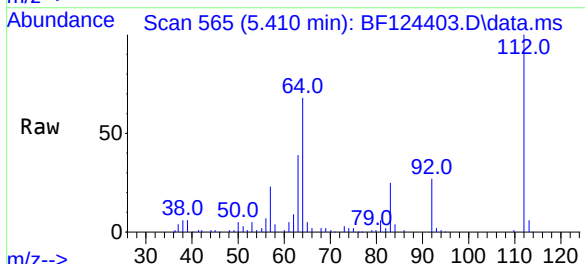
Instrument :
BNA_F
ClientSampleId :
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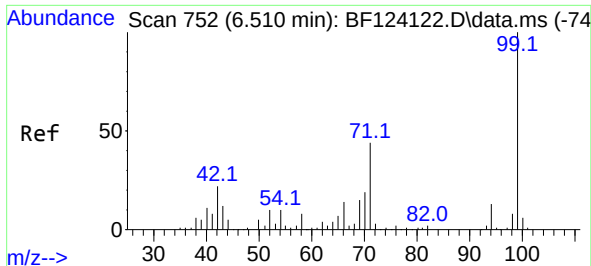
Tgt Ion:152 Resp: 31902
Ion Ratio Lower Upper
152 100
150 156.3 127.0 190.6
115 63.1 54.3 81.5



#5
2-Fluorophenol
Concen: 61.659 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF124403.D
Acq: 21 Jun 2021 20:36

Tgt Ion:112 Resp: 130672
Ion Ratio Lower Upper
112 100
64 67.7 61.4 92.0
63 38.9 33.0 49.4

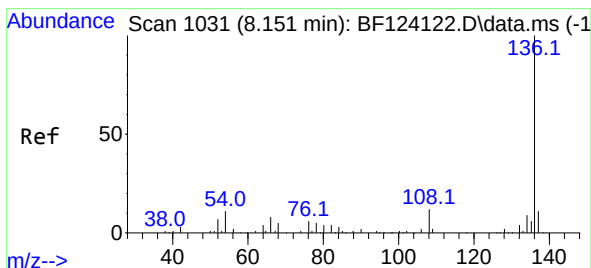
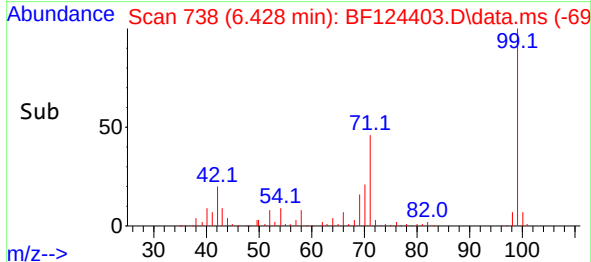
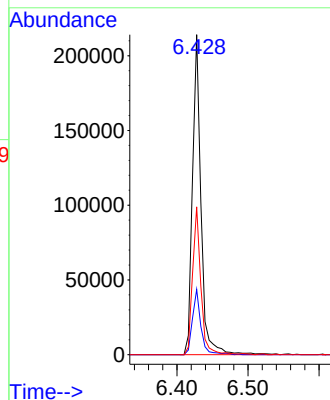
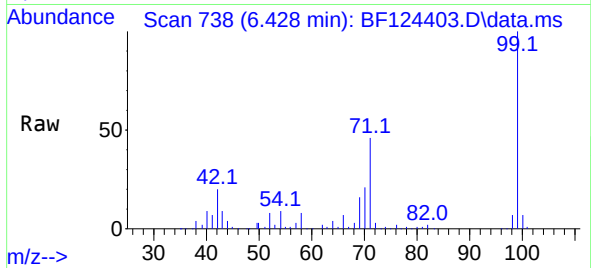




#7
Phenol-d6
Concen: 62.903 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF124403.D
Acq: 21 Jun 2021 20:36

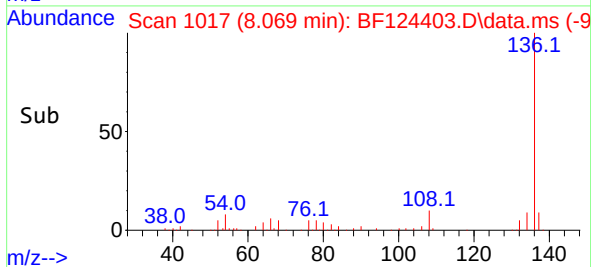
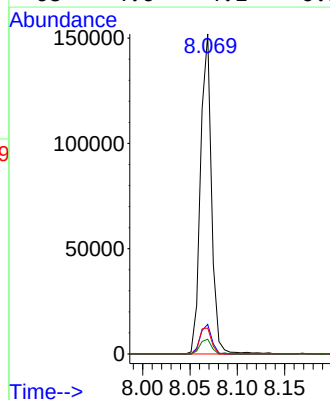
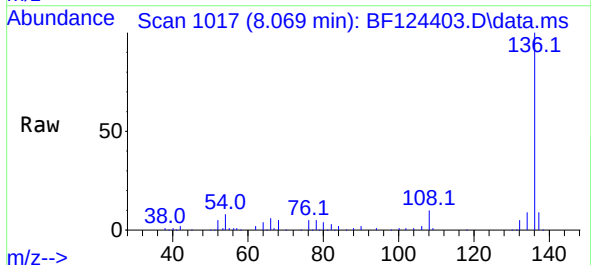
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE

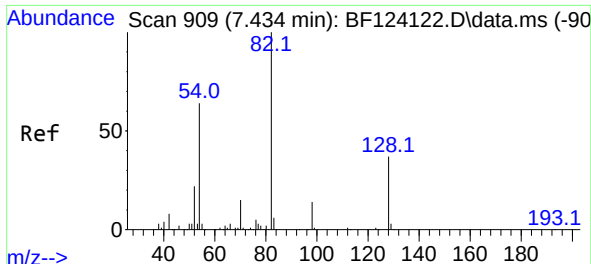
Tgt Ion: 99 Resp: 179187
Ion Ratio Lower Upper
99 100
42 20.4 19.8 29.8
71 46.2 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124403.D
Acq: 21 Jun 2021 20:36

Tgt Ion: 136 Resp: 122798
Ion Ratio Lower Upper
136 100
137 9.3 8.7 13.1
54 8.1 9.8 14.6#
68 4.6 4.1 6.1

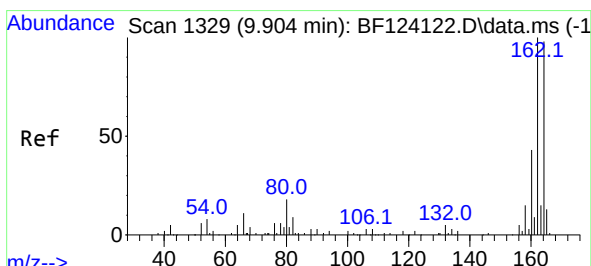
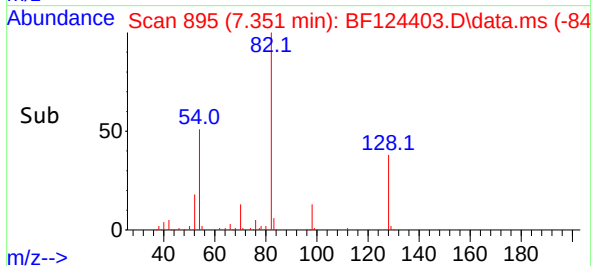
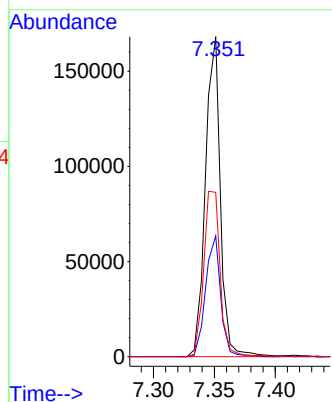
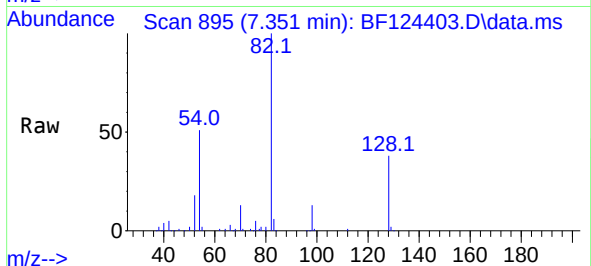




#23
Nitrobenzene-d5
Concen: 46.376 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124403.D
Acq: 21 Jun 2021 20:36

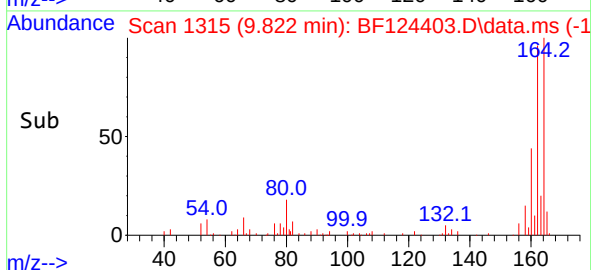
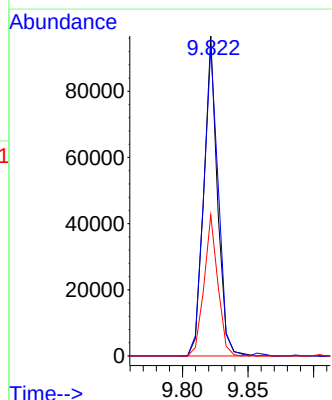
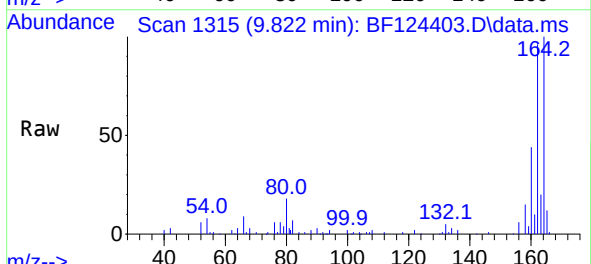
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE

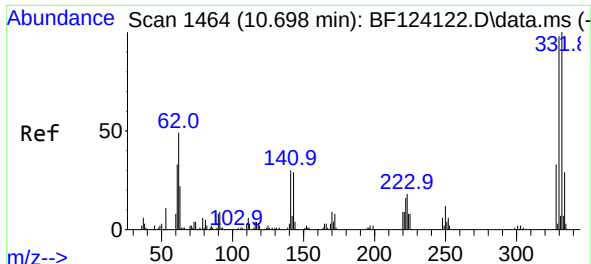
Tgt Ion: 82 Resp: 143589
Ion Ratio Lower Upper
82 100
128 37.8 29.4 44.2
54 51.3 54.1 81.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124403.D
Acq: 21 Jun 2021 20:36

Tgt Ion:164 Resp: 69978
Ion Ratio Lower Upper
164 100
162 96.5 80.7 121.1
160 44.0 37.3 55.9

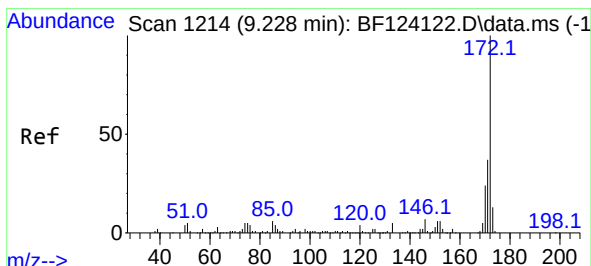
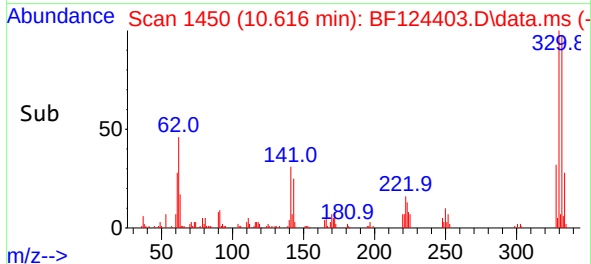
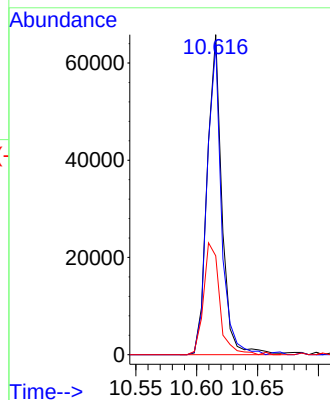
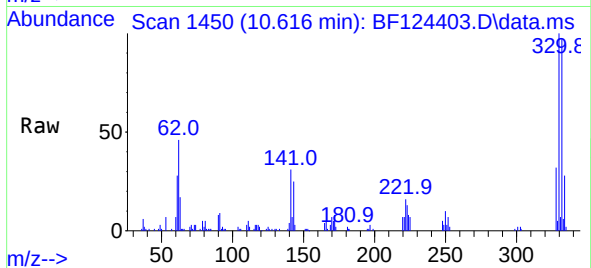




#42
2,4,6-Tribromophenol
Concen: 55.653 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124403.D
Acq: 21 Jun 2021 20:36

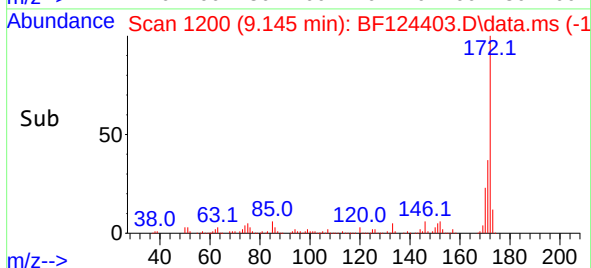
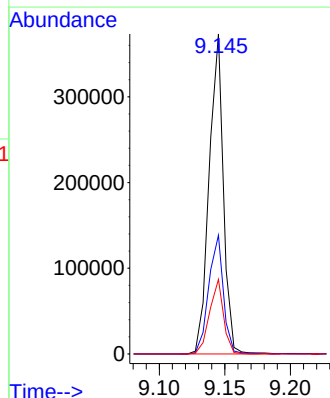
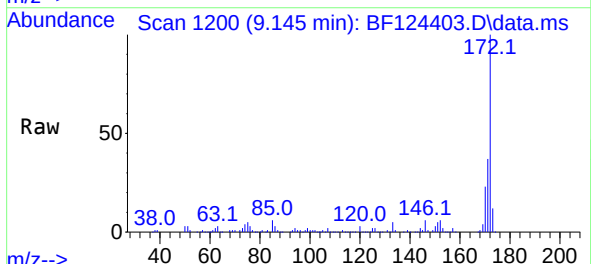
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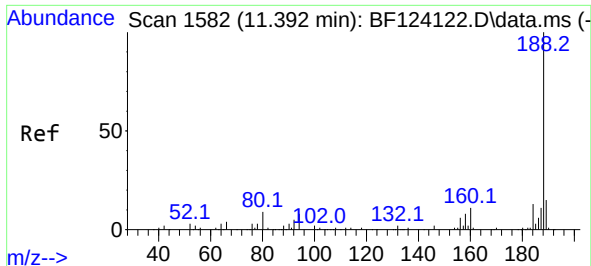
Tgt Ion:330 Resp: 55175
Ion Ratio Lower Upper
330 100
332 94.6 77.1 115.7
141 38.3 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 50.886 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124403.D
Acq: 21 Jun 2021 20:36

Tgt Ion:172 Resp: 282978
Ion Ratio Lower Upper
172 100
171 37.1 28.1 42.1
170 23.3 19.2 28.8

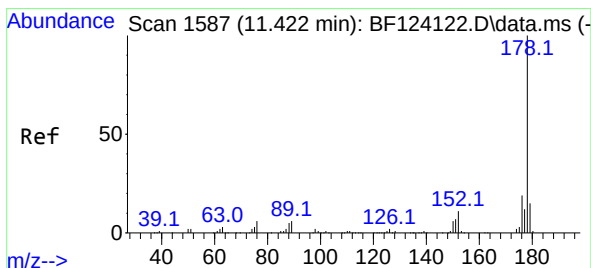
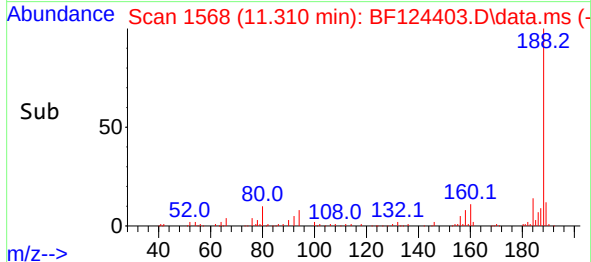
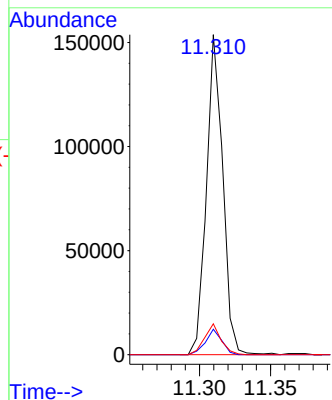
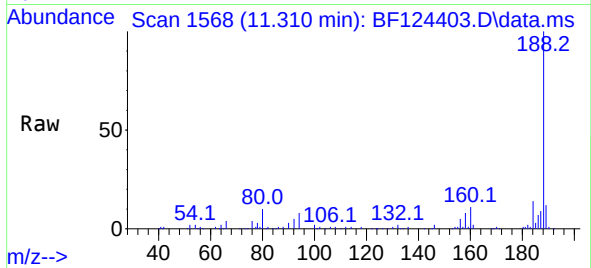




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124403.D
Acq: 21 Jun 2021 20:36

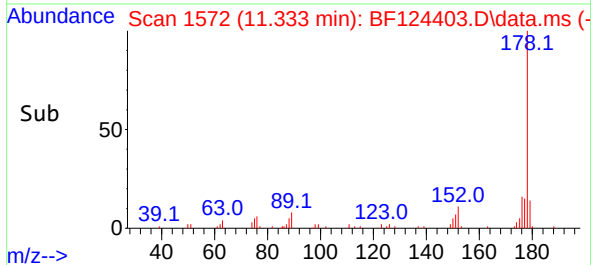
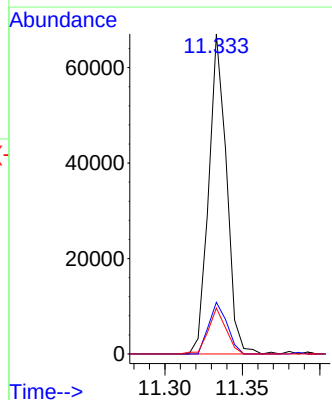
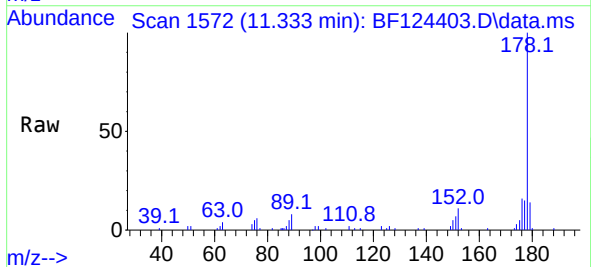
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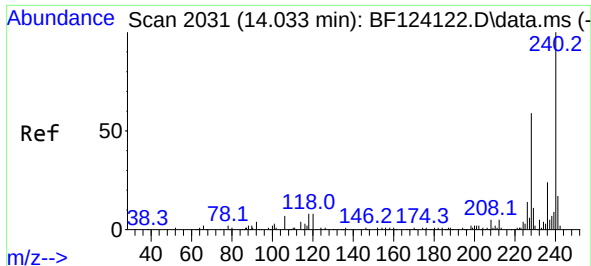
Tgt Ion:188 Resp: 122948
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 9.6 8.2 12.2



#71
Phenanthrene
Concen: 6.975 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF124403.D
Acq: 21 Jun 2021 20:36

Tgt Ion:178 Resp: 53573
Ion Ratio Lower Upper
178 100
176 16.1 15.6 23.4
179 14.4 12.5 18.7

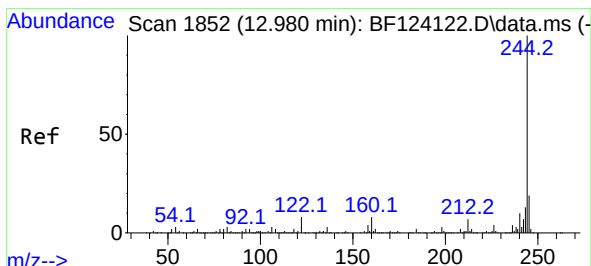
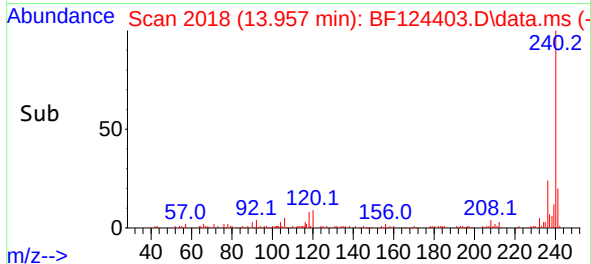
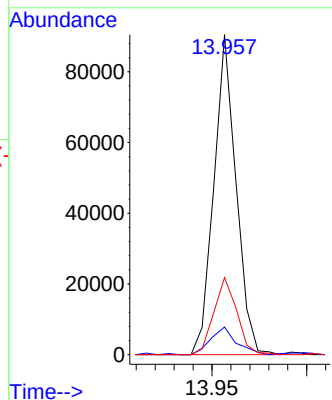
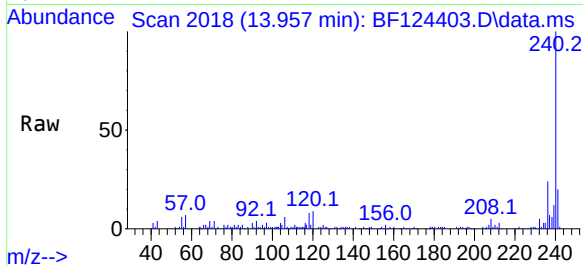




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124403.D
Acq: 21 Jun 2021 20:36

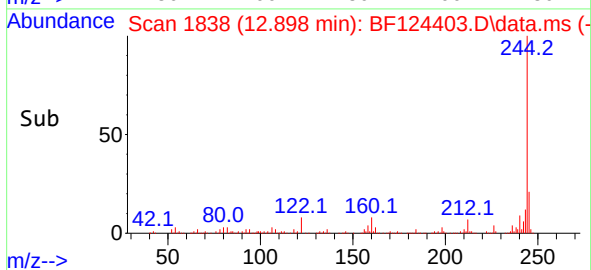
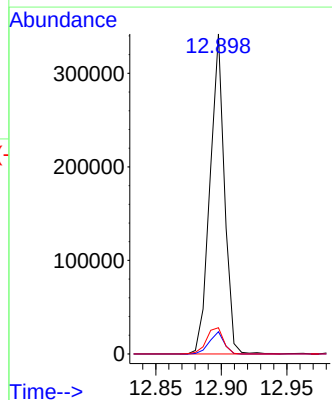
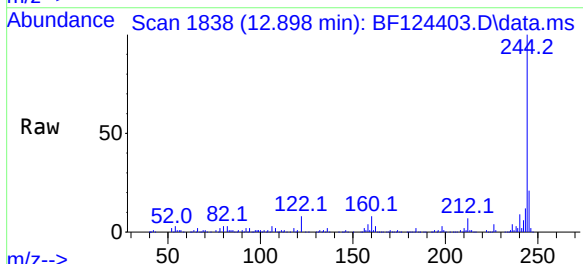
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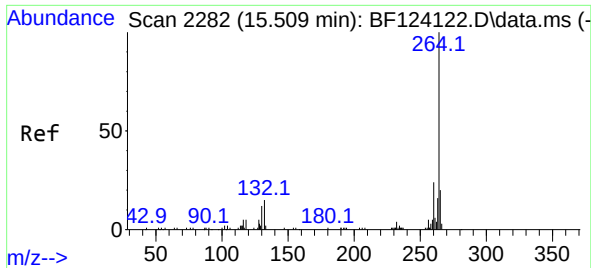
Tgt Ion:240 Resp: 73840
Ion Ratio Lower Upper
240 100
120 8.7 7.2 10.8
236 24.1 19.0 28.4



#79
Terphenyl-d14
Concen: 48.867 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF124403.D
Acq: 21 Jun 2021 20:36

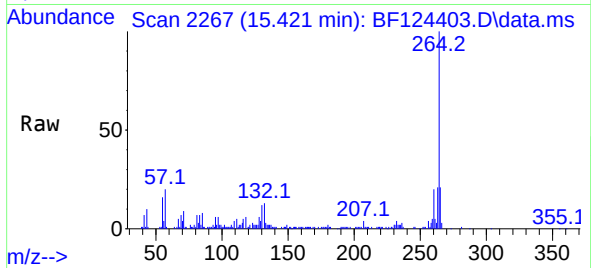
Tgt Ion:244 Resp: 262817
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 8.2 9.7 14.5#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. 0.006 min
 Lab File: BF124403.D
 Acq: 21 Jun 2021 20:36

Instrument :
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Tgt Ion:264 Resp: 79874

Ion	Ratio	Lower	Upper
264	100		
260	20.0	18.7	28.1
265	21.5	17.8	26.8

