

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
 Data File : BF124781.D
 Acq On : 27 Jul 2021 00:20
 Operator : JU/CG
 Sample : M3118-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210546-COM-19

Quant Time: Jul 27 04:27:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

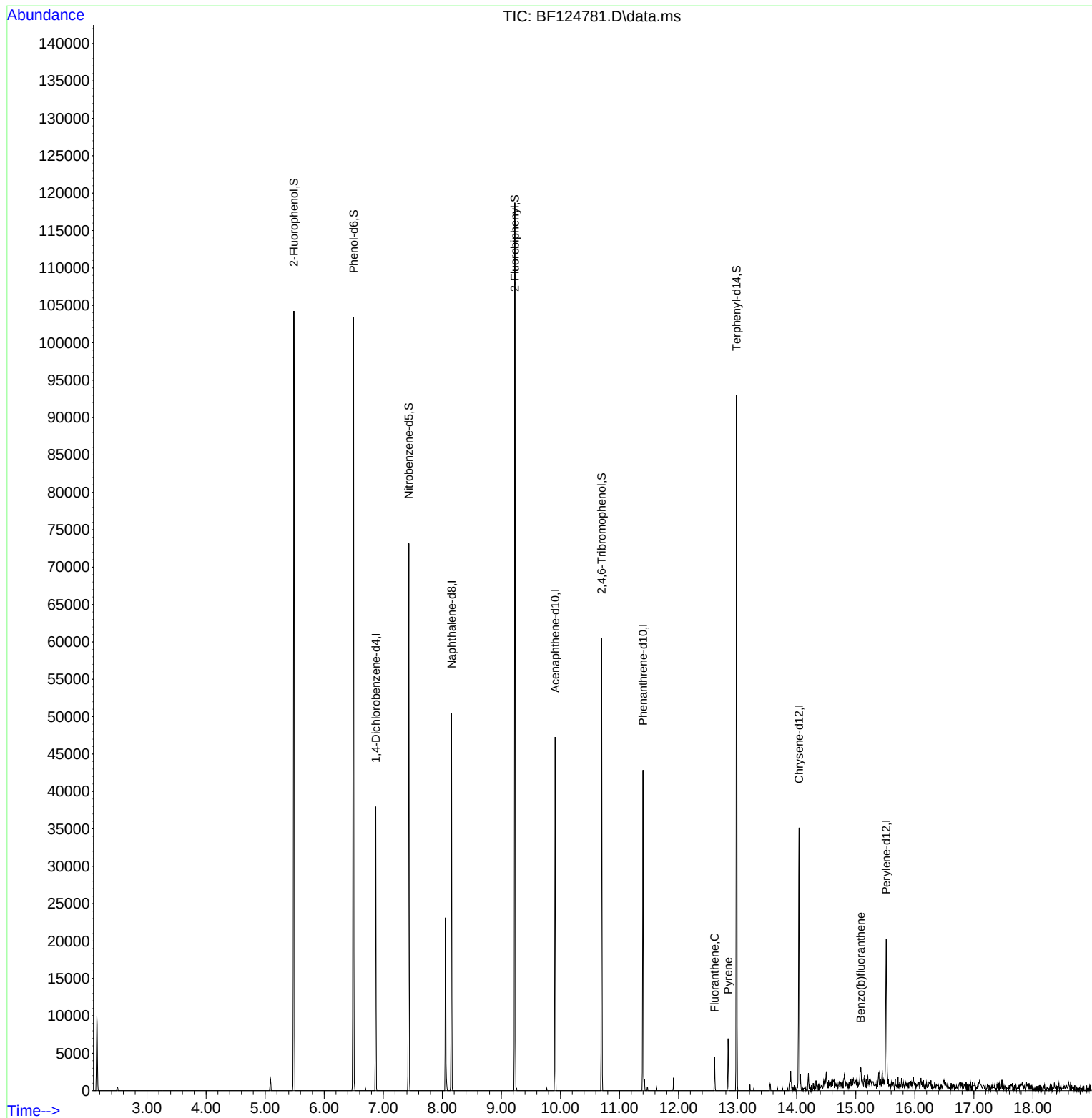
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	5419	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	20066	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	9362	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	15010	20.000	ng	0.00
76) Chrysene-d12	14.039	240	13363	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	9961	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	27611	86.270	ng	0.00
7) Phenol-d6	6.498	99	31653	78.889	ng	0.00
23) Nitrobenzene-d5	7.434	82	19278	57.180	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	6042	75.166	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	34206	53.664	ng	0.00
79) Terphenyl-d14	12.980	244	29873	38.320	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.610	202	1972	2.394	ng	95
78) Pyrene	12.839	202	3265	3.086	ng	96
88) Benzo(b)fluoranthene	15.086	252	2186	3.117	ng	# 87

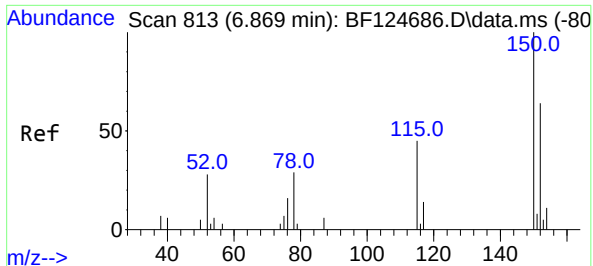
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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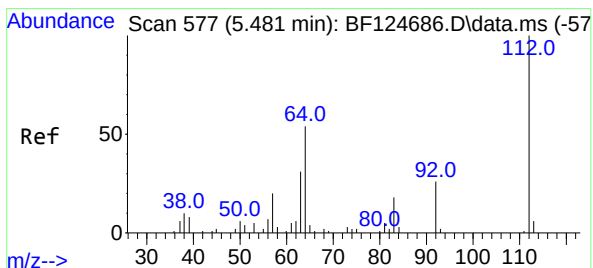
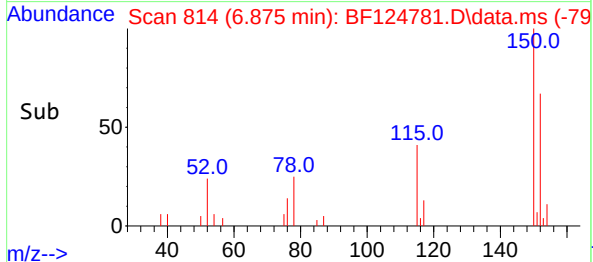
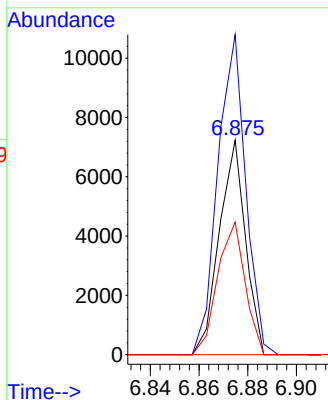
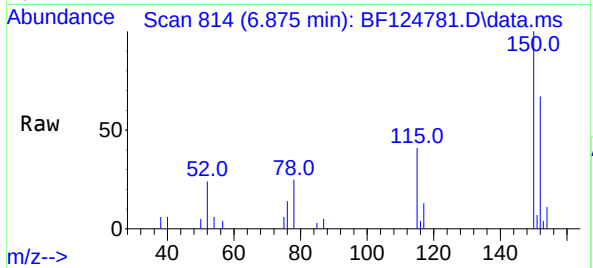




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.006 min
Lab File: BF124781.D
Acq: 27 Jul 2021 00:20

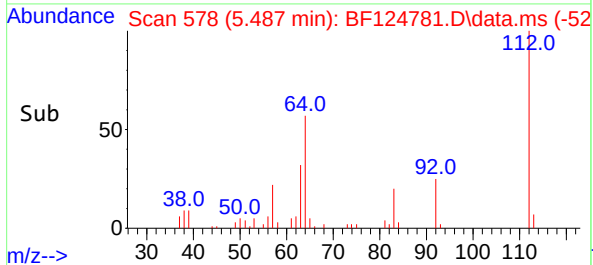
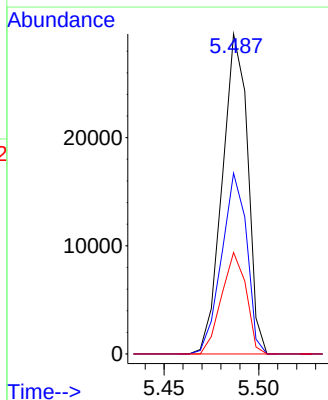
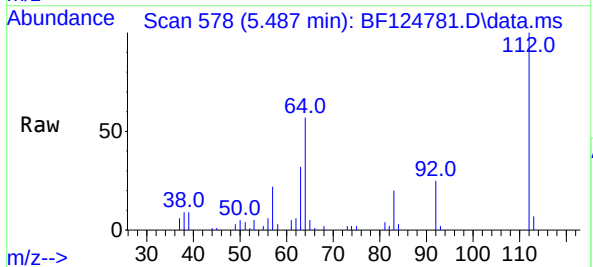
Instrument :
BNA_F
ClientSampleId :
20210546-COM-19

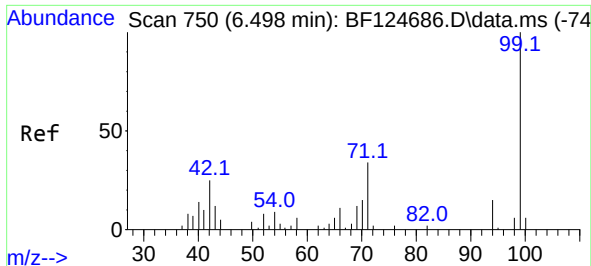
Tgt Ion:152 Resp: 5419
Ion Ratio Lower Upper
152 100
150 149.1 117.6 176.4
115 61.8 47.1 70.7



#5
2-Fluorophenol
Concen: 86.270 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124781.D
Acq: 27 Jul 2021 00:20

Tgt Ion:112 Resp: 27611
Ion Ratio Lower Upper
112 100
64 56.5 44.2 66.2
63 31.7 26.2 39.2



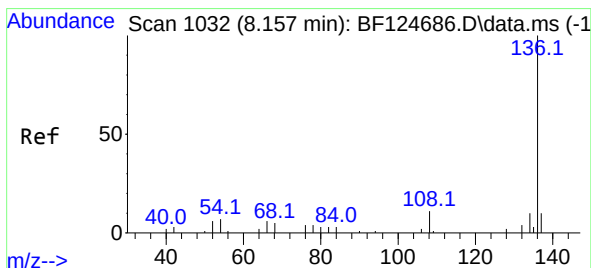
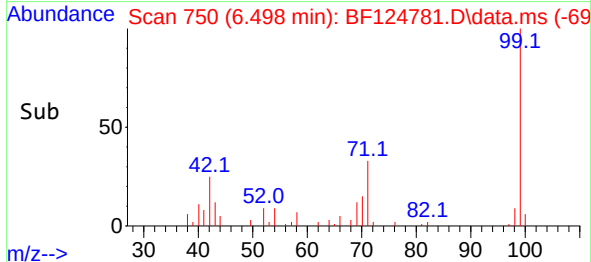
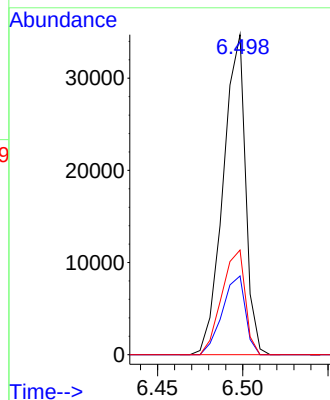
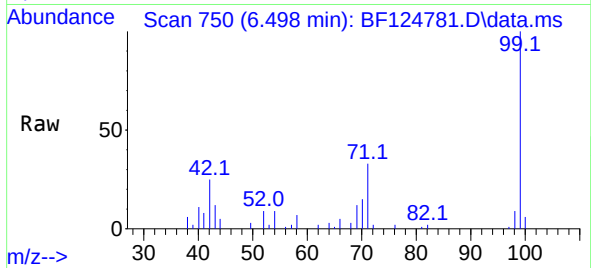


#7
Phenol-d6
Concen: 78.889 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF124781.D
Acq: 27 Jul 2021 00:20

Instrument :
BNA_F
ClientSampleId :
20210546-COM-19

Tgt Ion: 99 Resp: 31653

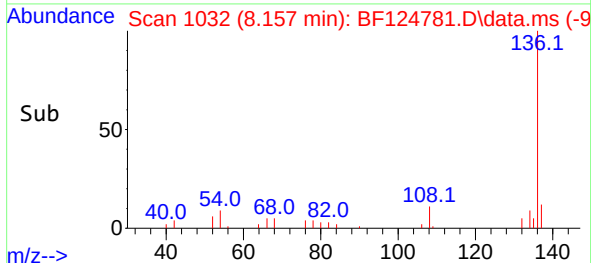
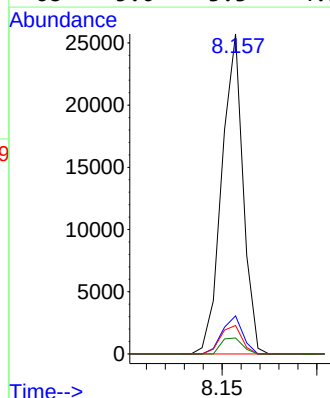
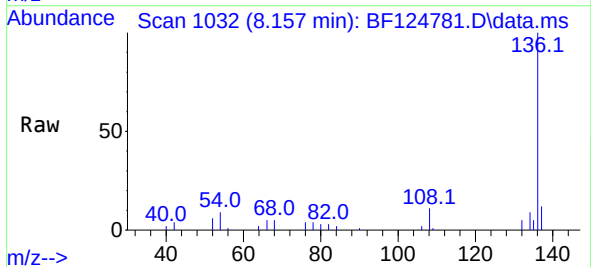
Ion	Ratio	Lower	Upper
99	100		
42	24.6	23.5	35.3
71	32.7	25.6	38.4

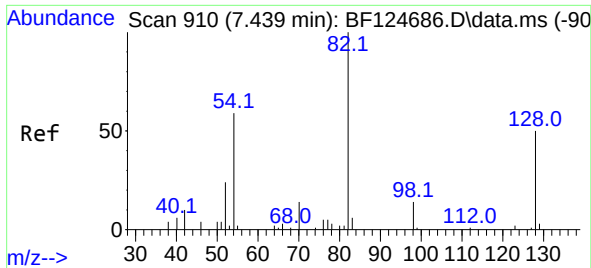


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF124781.D
Acq: 27 Jul 2021 00:20

Tgt Ion: 136 Resp: 20066

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.8	14.6
54	8.9	6.4	9.6
68	5.0	3.3	4.9

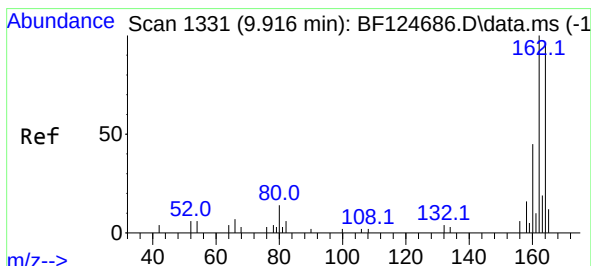
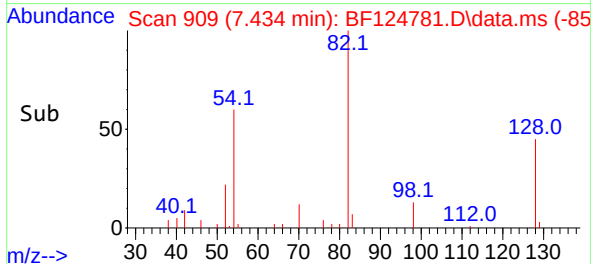
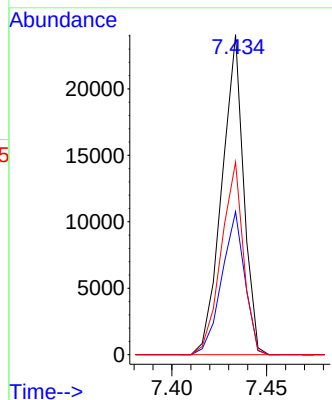
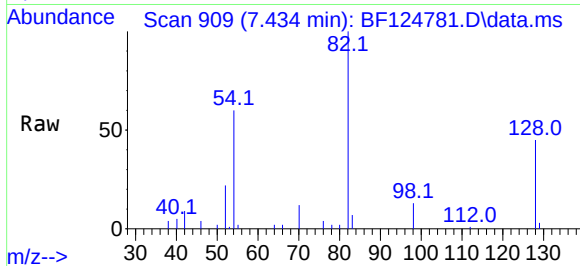




#23
Nitrobenzene-d5
Concen: 57.180 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124781.D
Acq: 27 Jul 2021 00:20

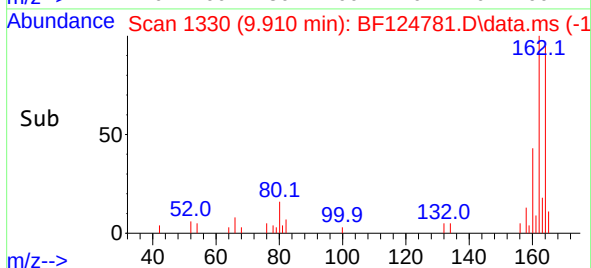
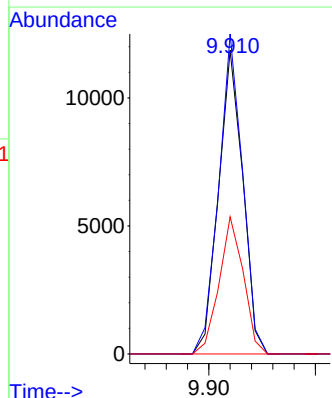
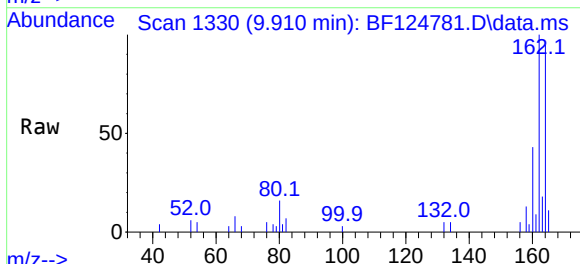
Instrument :
BNA_F
ClientSampleId :
20210546-COM-19

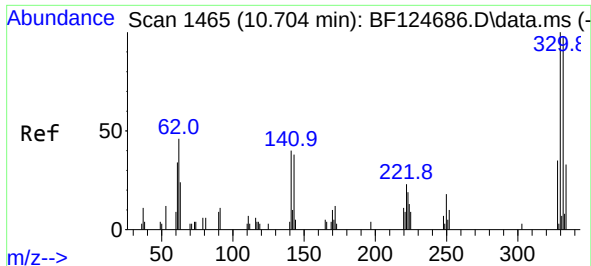
Tgt Ion: 82 Resp: 19278
Ion Ratio Lower Upper
82 100
128 44.7 40.6 60.8
54 60.2 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124781.D
Acq: 27 Jul 2021 00:20

Tgt Ion:164 Resp: 9362
Ion Ratio Lower Upper
164 100
162 105.4 81.3 121.9
160 45.1 38.0 57.0

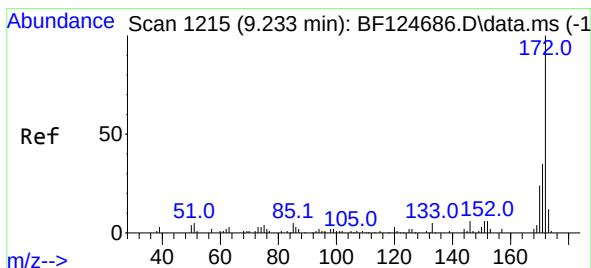
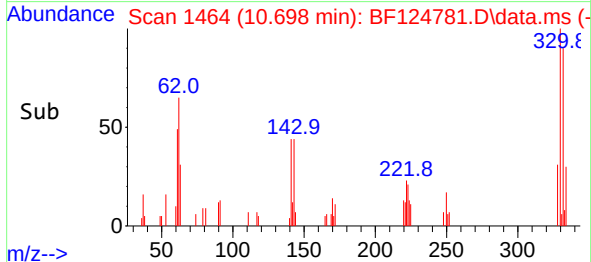
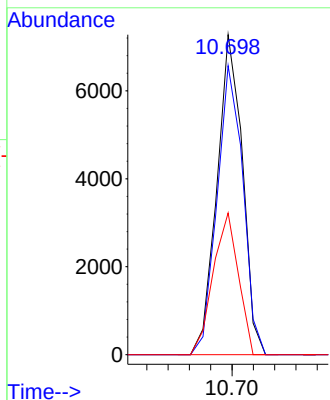
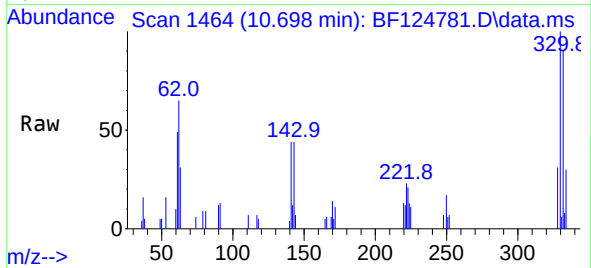




#42
2,4,6-Tribromophenol
Concen: 75.166 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124781.D
Acq: 27 Jul 2021 00:20

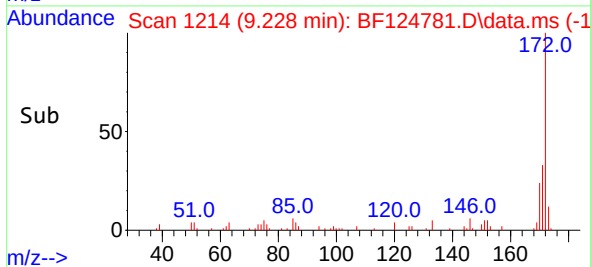
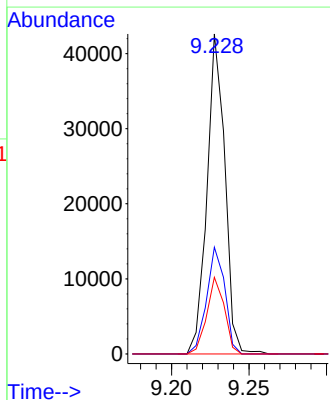
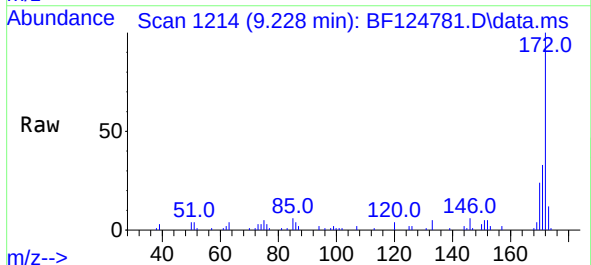
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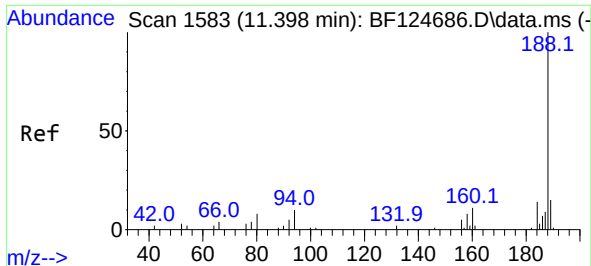
Tgt Ion: 330 Resp: 6042
Ion Ratio Lower Upper
330 100
332 91.6 76.2 114.4
141 43.8 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 53.664 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124781.D
Acq: 27 Jul 2021 00:20

Tgt Ion: 172 Resp: 34206
Ion Ratio Lower Upper
172 100
171 33.4 26.5 39.7
170 23.9 18.8 28.2

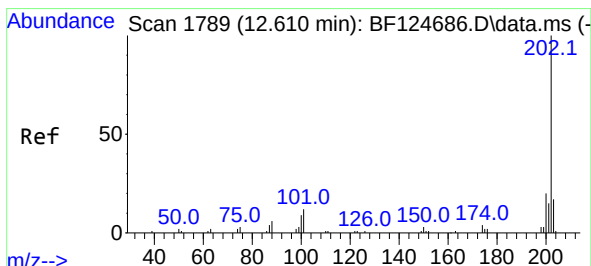
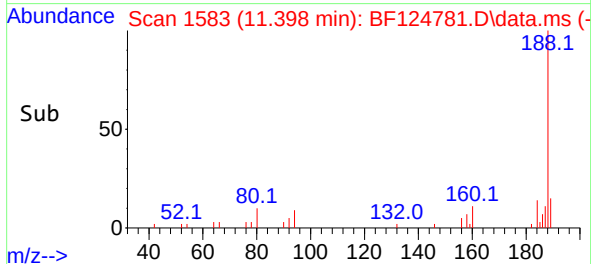
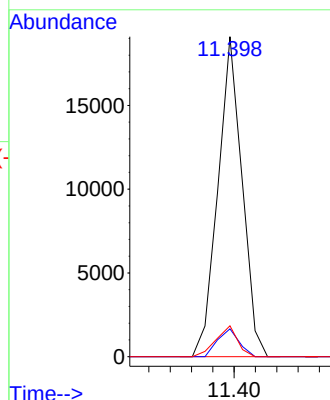
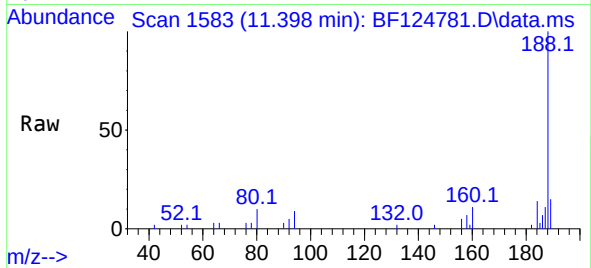




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF124781.D
Acq: 27 Jul 2021 00:20

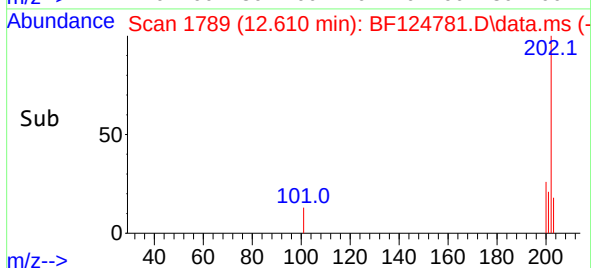
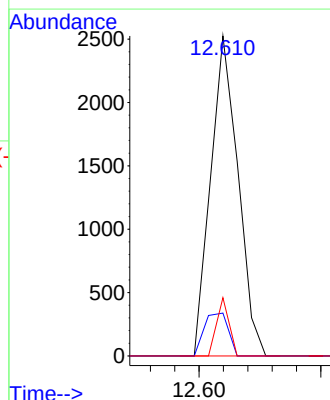
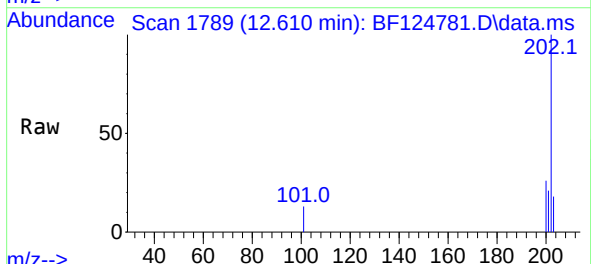
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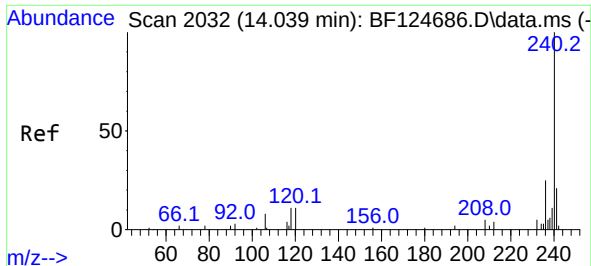
Tgt Ion:188 Resp: 15010
Ion Ratio Lower Upper
188 100
94 8.7 6.7 10.1
80 9.6 7.5 11.3



#75
Fluoranthene
Concen: 2.394 ng
RT: 12.610 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF124781.D
Acq: 27 Jul 2021 00:20

Tgt Ion:202 Resp: 1972
Ion Ratio Lower Upper
202 100
101 13.4 0.0 30.7
203 18.2 0.0 36.3

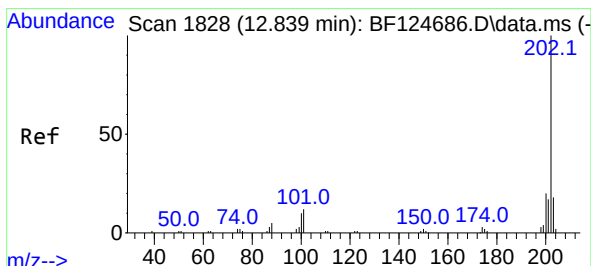
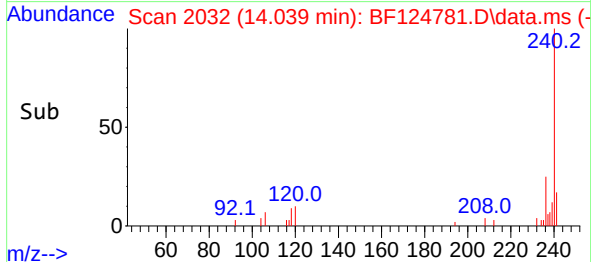
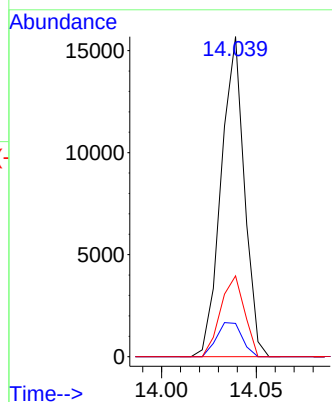
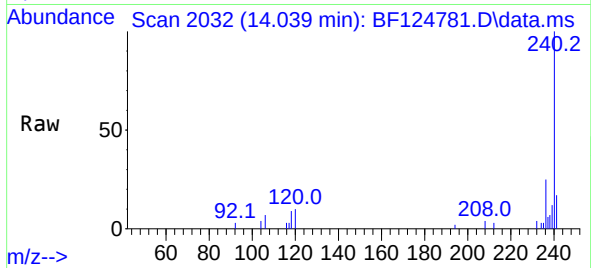




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF124781.D
Acq: 27 Jul 2021 00:20

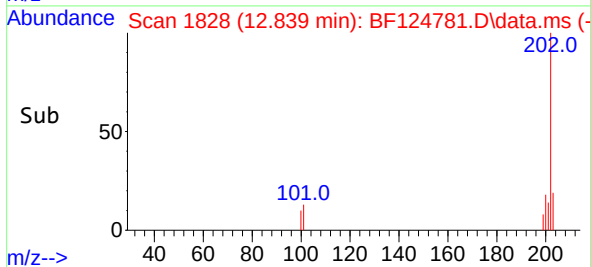
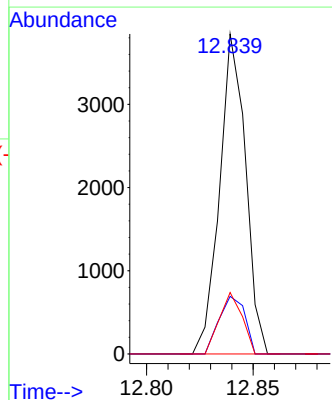
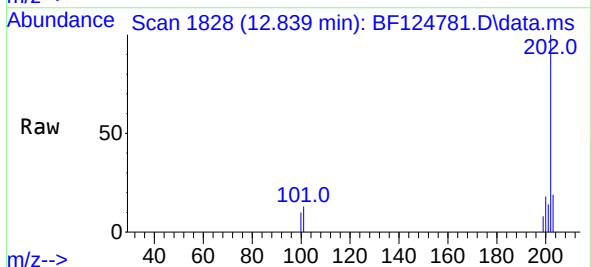
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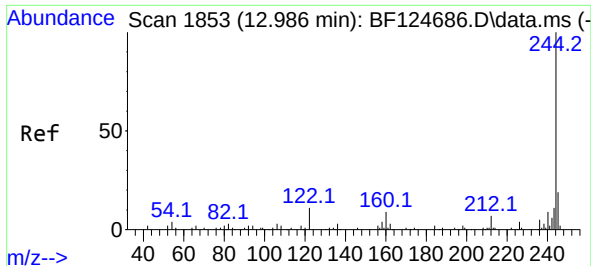
Tgt Ion:240 Resp: 13363
Ion Ratio Lower Upper
240 100
120 10.4 10.8 16.2#
236 25.3 21.6 32.4



#78
Pyrene
Concen: 3.086 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF124781.D
Acq: 27 Jul 2021 00:20

Tgt Ion:202 Resp: 3265
Ion Ratio Lower Upper
202 100
200 18.0 15.3 22.9
203 19.2 13.4 20.0

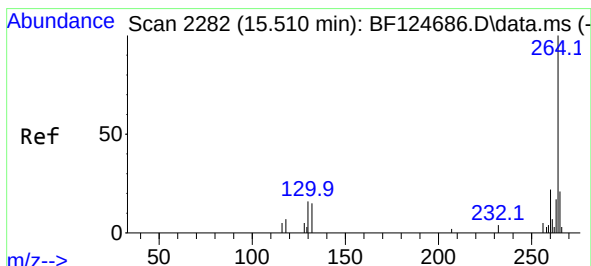
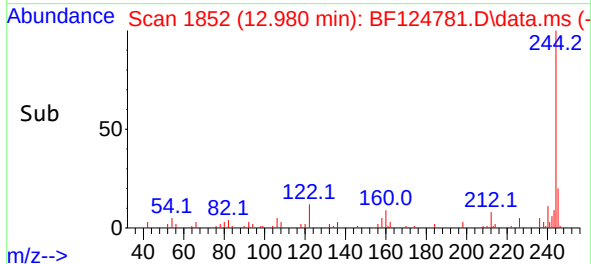
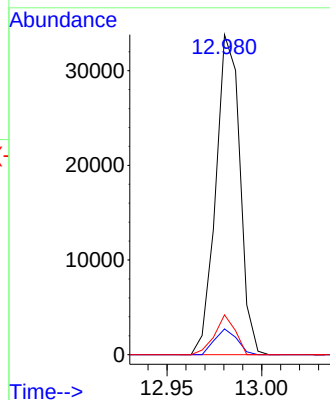
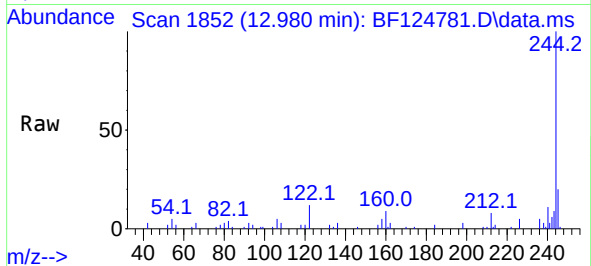




#79
Terphenyl-d14
Concen: 38.320 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124781.D
Acq: 27 Jul 2021 00:20

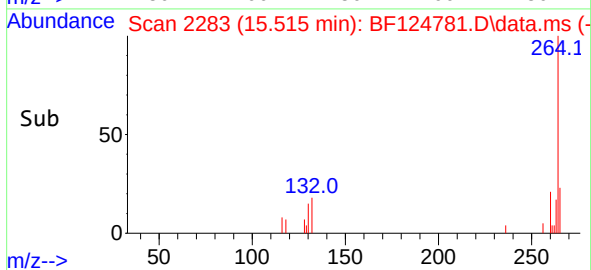
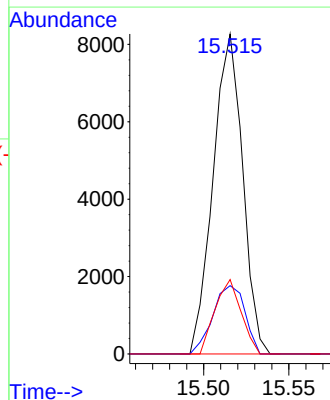
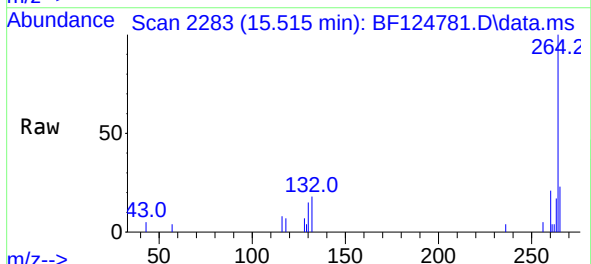
Instrument :
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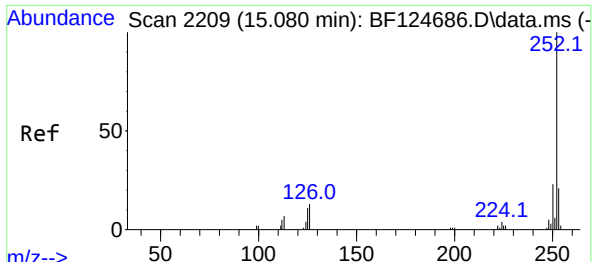
Tgt Ion:244	Resp:	29873
Ion Ratio	Lower	Upper
244	100	
212	8.1	5.9 8.9
122	12.5	9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF124781.D
Acq: 27 Jul 2021 00:20

Tgt Ion:264	Resp:	9961
Ion Ratio	Lower	Upper
264	100	
260	21.4	19.6 29.4
265	23.2	17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 3.117 ng
RT: 15.086 min Scan# 2210
Delta R.T. 0.006 min
Lab File: BF124781.D
Acq: 27 Jul 2021 00:20

Instrument :
BNA_F
ClientSampleId :
20210546-COM-19

Tgt Ion:252 Resp: 2186
Ion Ratio Lower Upper
252 100
253 21.7 16.8 25.2
125 0.0 9.8 14.8#

