

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072721\
 Data File : BF124815.D
 Acq On : 28 Jul 2021 3:03
 Operator : JU/CG
 Sample : M3142-01 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JONES-RD-STOCKPILE

Quant Time: Jul 28 04:09:00 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)

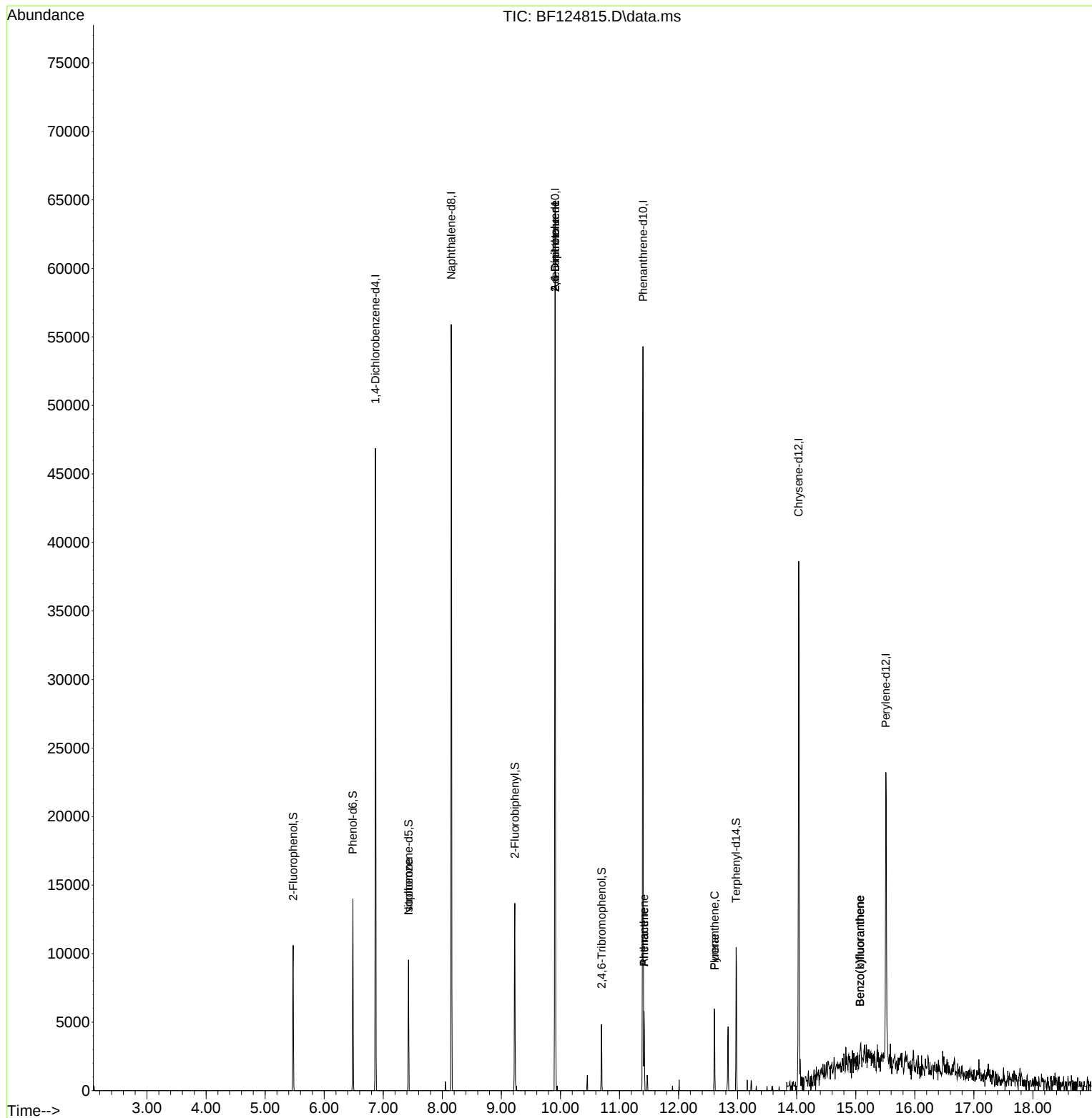
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6359	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	24636	20.00	ng	# 0.00
39) Acenaphthene-d10	9.910	164	12880	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	20291	20.00	ng	0.00
76) Chrysene-d12	14.033	240	14817	20.00	ng	0.00
86) Perylene-d12	15.509	264	10871	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	3438	9.15	ng	0.00
7) Phenol-d6	6.486	99	4239	9.00	ng	-0.01
23) Nitrobenzene-d5	7.428	82	2824	6.82	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	854	7.72	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	6025	6.87	ng	0.00
79) Terphenyl-d14	12.974	244	5026	5.81	ng	-0.01
Target Compounds						Qvalue
25) Isophorone	7.428	82	2824	3.86	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1695	8.65	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1695	6.37	ng	# 18
71) Phenanthrene	11.416	178	3084	2.83	ng	97
72) Anthracene	11.416	178	3084	2.83	ng	98
75) Fluoranthene	12.610	202	3116	2.80	ng	96
78) Pyrene	12.610	202	3116	2.66	ng	98
88) Benzo(b)fluoranthene	15.074	252	1621	2.12	ng	# 60
89) Benzo(k)fluoranthene	15.074	252	1621	2.32	ng	# 60

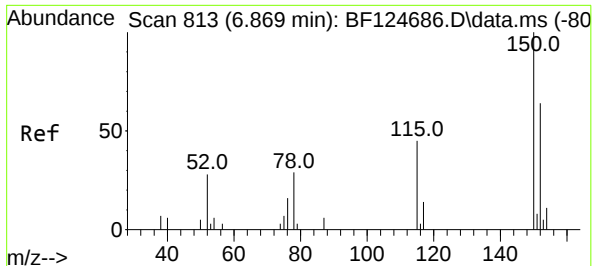
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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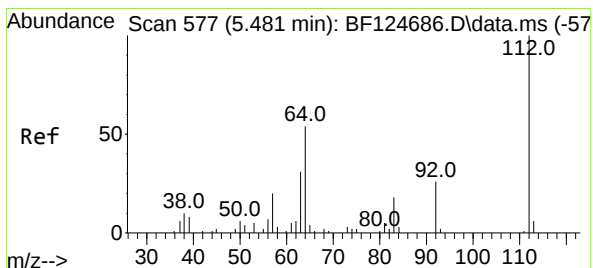
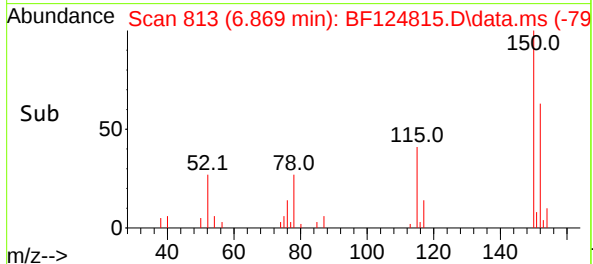
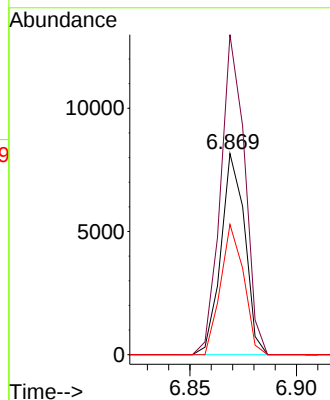
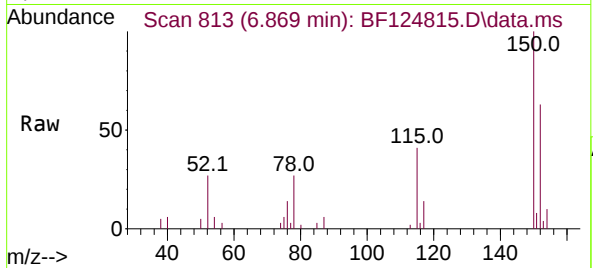




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124815.D
Acq: 28 Jul 2021 3:03

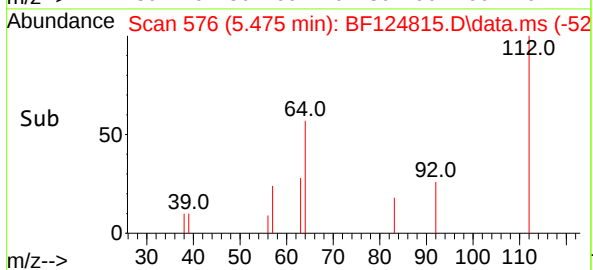
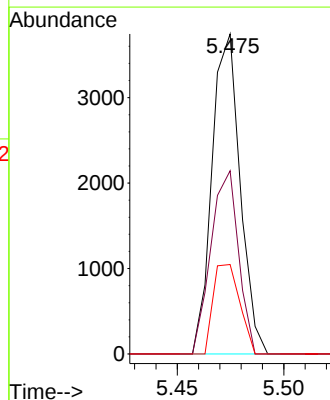
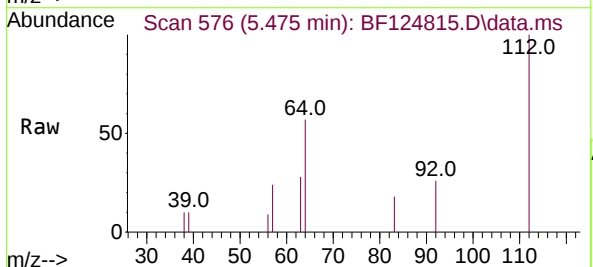
Instrument :
BNA_F
ClientSampleId :
JONES-RD-STOCKPILE

Tgt Ion:152 Resp: 6359
Ion Ratio Lower Upper
152 100
150 159.2 117.6 176.4
115 64.8 47.1 70.7



#5
2-Fluorophenol
Concen: 9.15 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF124815.D
Acq: 28 Jul 2021 3:03

Tgt Ion:112 Resp: 3438
Ion Ratio Lower Upper
112 100
64 57.3 44.2 66.2
63 28.0 26.2 39.2

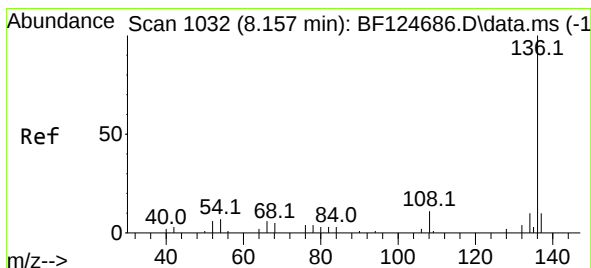
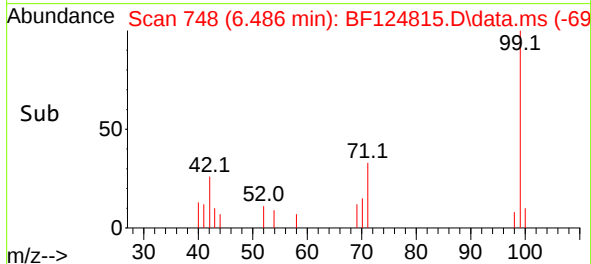
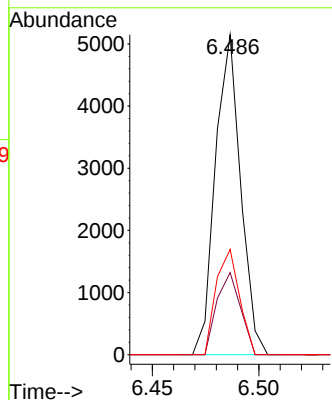
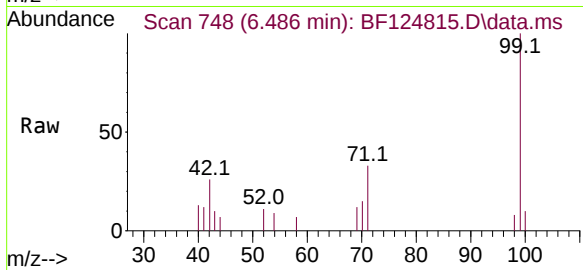




#7
Phenol-d6
Concen: 9.00 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124815.D
Acq: 28 Jul 2021 3:03

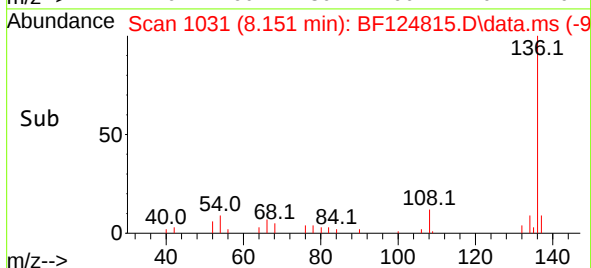
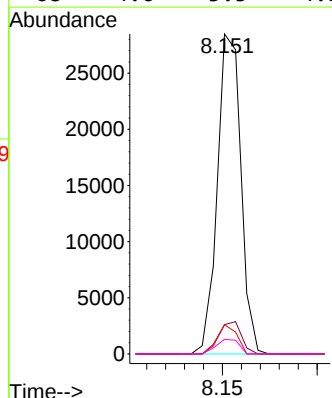
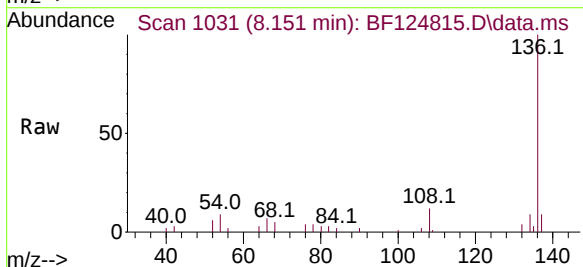
Instrument :
BNA_F
ClientSampleId :
JONES-RD-STOCKPILE

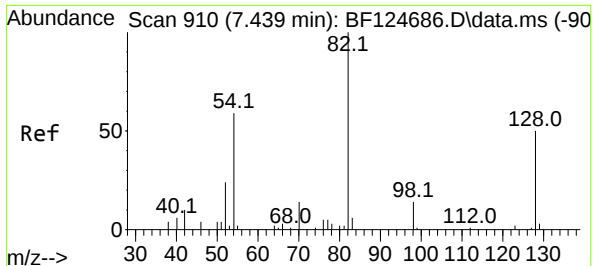
Tgt Ion: 99	Resp: 4239
Ion Ratio	Lower Upper
99 100	
42 25.6	23.5 35.3
71 32.9	25.6 38.4



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124815.D
Acq: 28 Jul 2021 3:03

Tgt Ion: 136	Resp: 24636
Ion Ratio	Lower Upper
136 100	
137 9.1	9.8 14.6#
54 9.2	6.4 9.6
68 4.6	3.3 4.9





#23

Nitrobenzene-d5

Concen: 6.82 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF124815.D

Acq: 28 Jul 2021 3:03

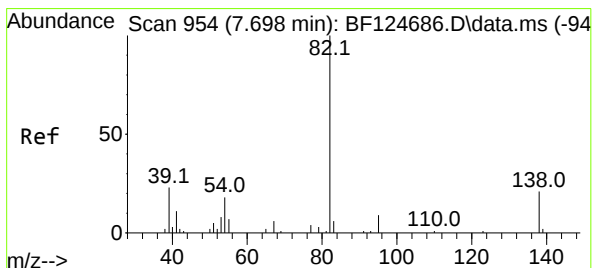
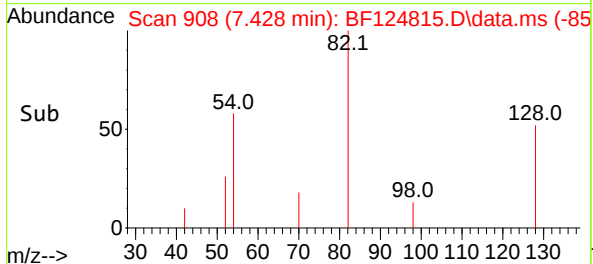
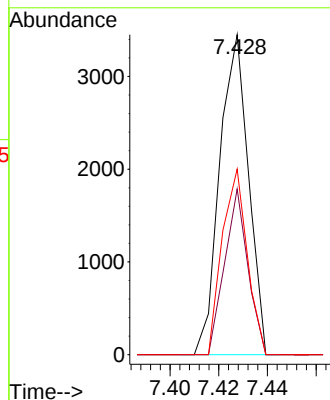
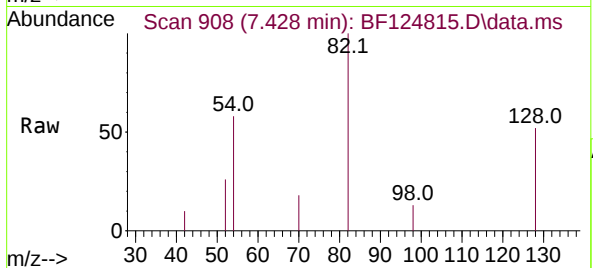
Tgt Ion: 82 Resp: 2824

Ion Ratio Lower Upper

82 100

128 51.8 40.6 60.8

54 58.0 49.6 74.4



#25

Isophorone

Concen: 3.86 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.271 min

Lab File: BF124815.D

Acq: 28 Jul 2021 3:03

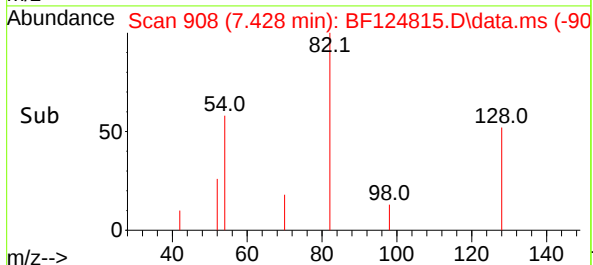
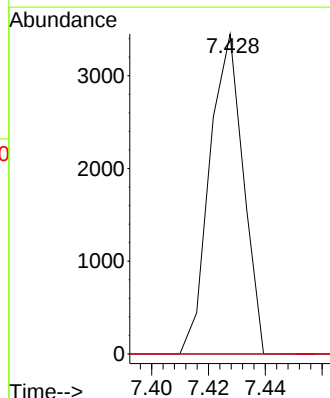
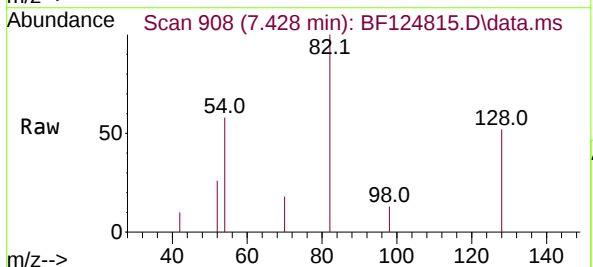
Tgt Ion: 82 Resp: 2824

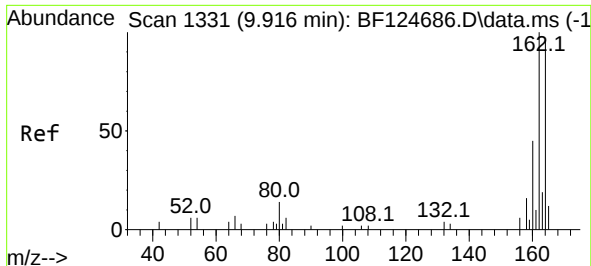
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.910 min Scan# 1330

Delta R.T. -0.006 min

Lab File: BF124815.D

Acq: 28 Jul 2021 3:03

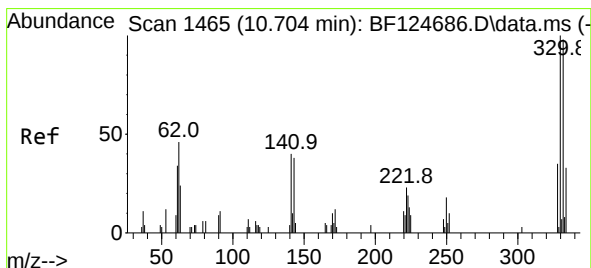
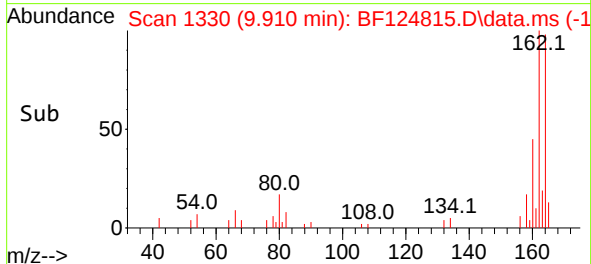
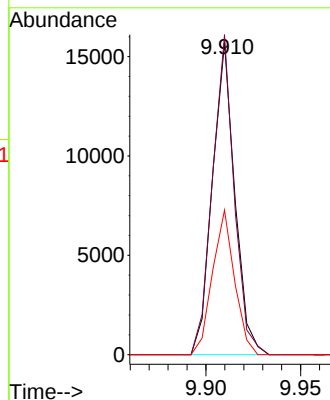
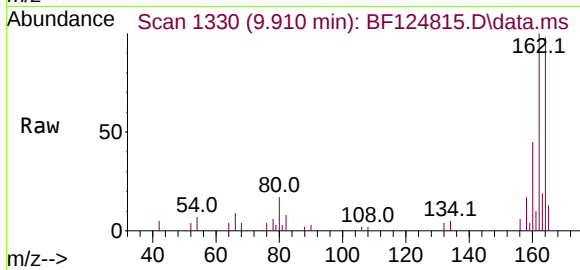
Tgt Ion:164 Resp: 12880

Ion Ratio Lower Upper

164 100

162 102.5 81.3 121.9

160 46.3 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 7.72 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF124815.D

Acq: 28 Jul 2021 3:03

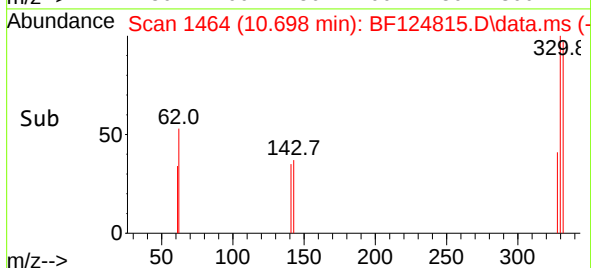
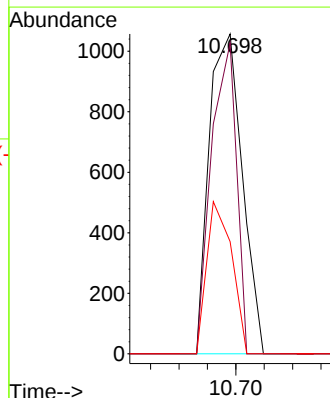
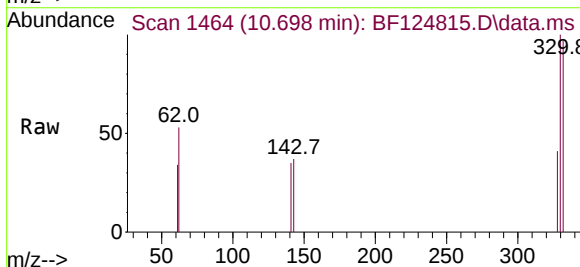
Tgt Ion:330 Resp: 854

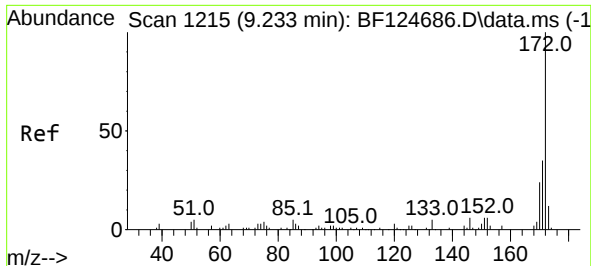
Ion Ratio Lower Upper

330 100

332 73.9 76.2 114.4#

141 36.2 44.6 66.8#

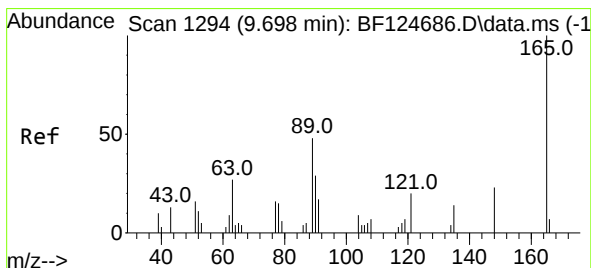
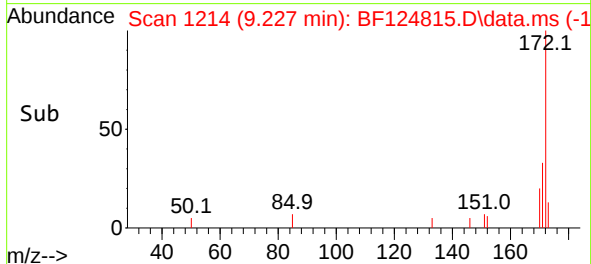
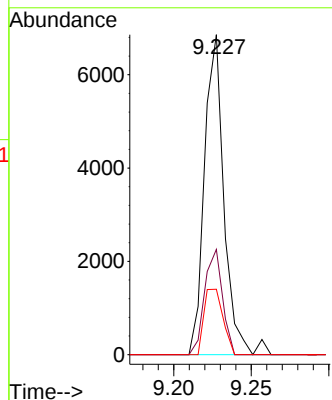
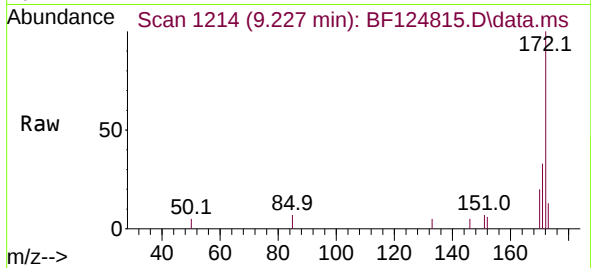




#45
2-Fluorobiphenyl
Concen: 6.87 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124815.D
Acq: 28 Jul 2021 3:03

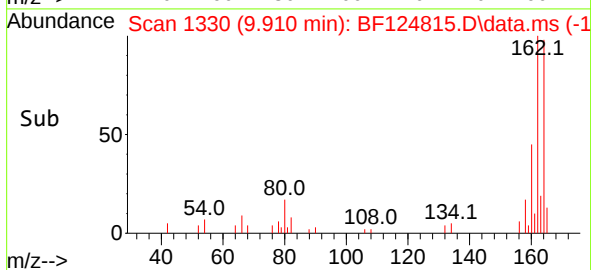
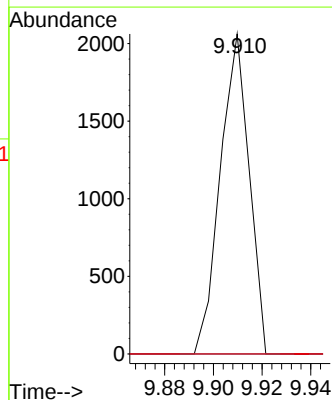
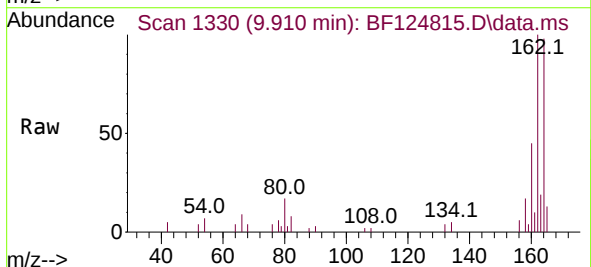
Instrument :
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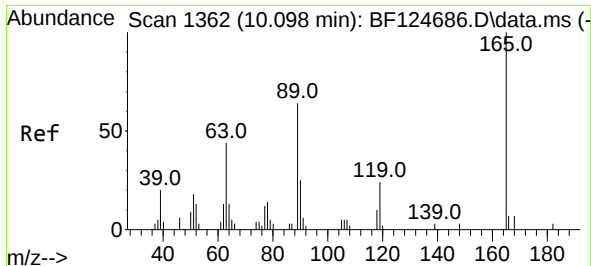
Tgt Ion:172 Resp: 6025
Ion Ratio Lower Upper
172 100
171 32.9 26.5 39.7
170 20.4 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 8.65 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124815.D
Acq: 28 Jul 2021 3:03

Tgt Ion:165 Resp: 1695
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#

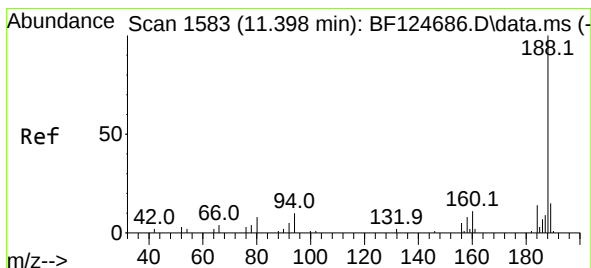
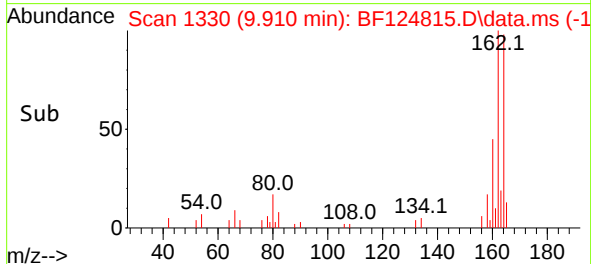
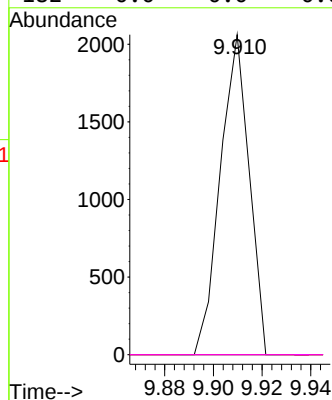
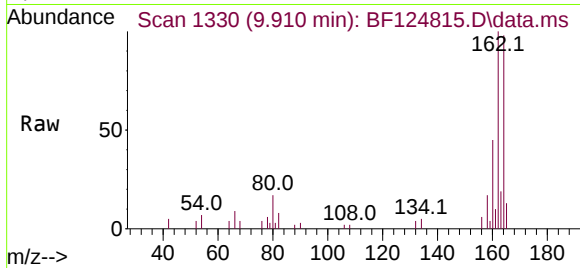




#57
2,4-Dinitrotoluene
Concen: 6.37 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124815.D
Acq: 28 Jul 2021 3:03

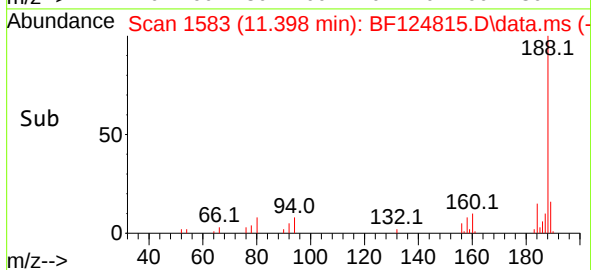
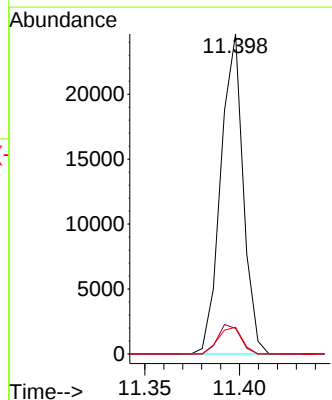
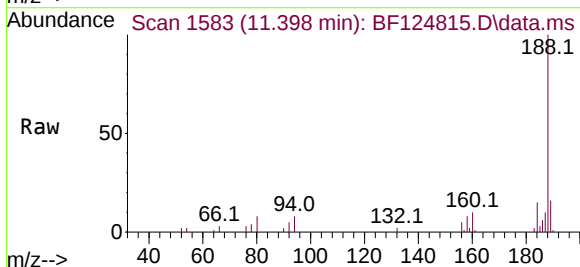
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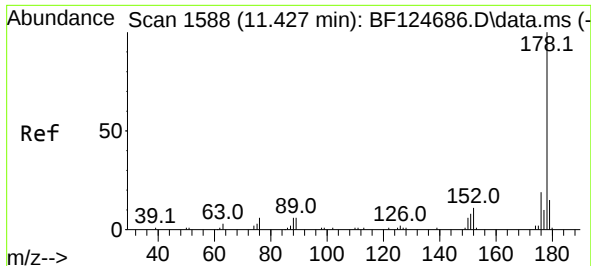
Tgt Ion:165	Resp:	1695
Ion Ratio	Lower	Upper
165	100	
63	0.0	40.9 61.3#
89	0.0	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124815.D
Acq: 28 Jul 2021 3:03

Tgt Ion:188	Resp:	20291
Ion Ratio	Lower	Upper
188	100	
94	8.0	6.7 10.1
80	8.3	7.5 11.3

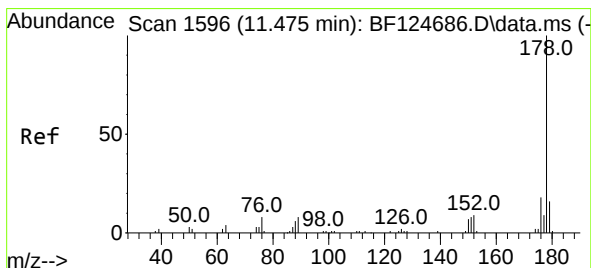
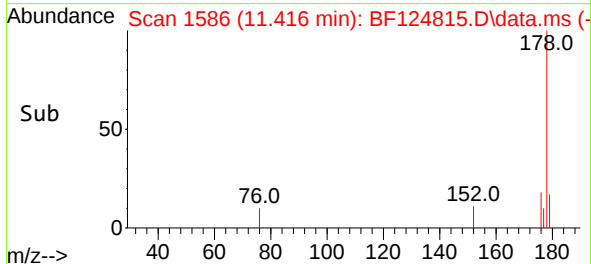
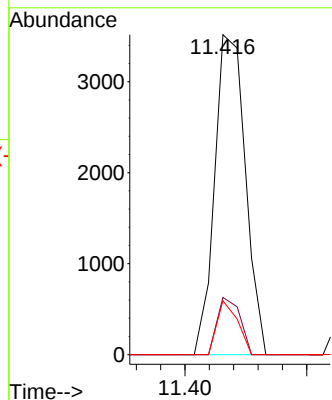
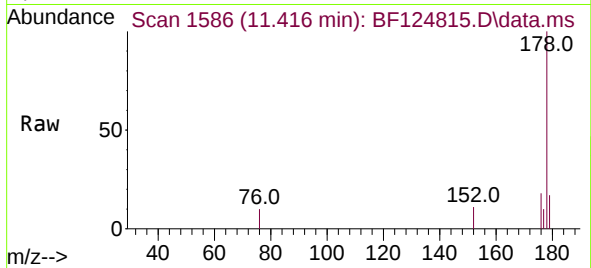




#71
Phenanthrene
Concen: 2.83 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BF124815.D
Acq: 28 Jul 2021 3:03

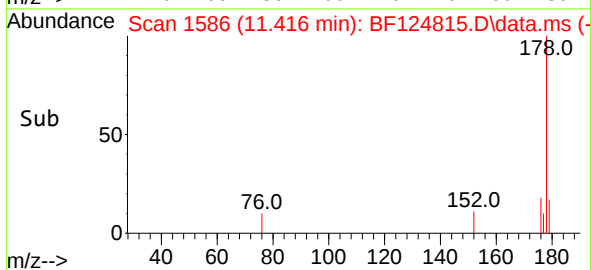
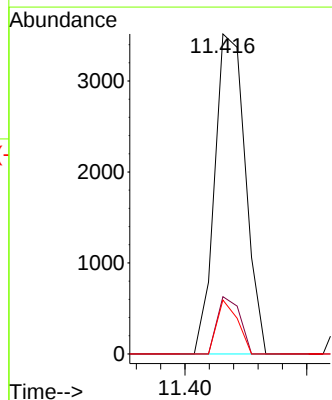
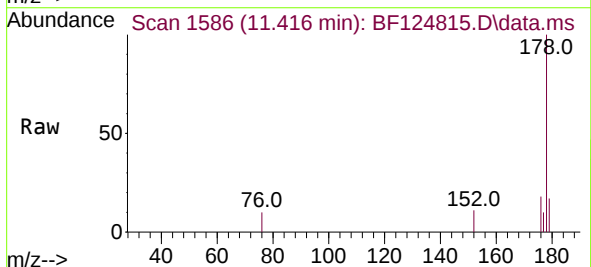
Instrument :
BNA_F
ClientSampleId :
JONES-RD-STOCKPILE

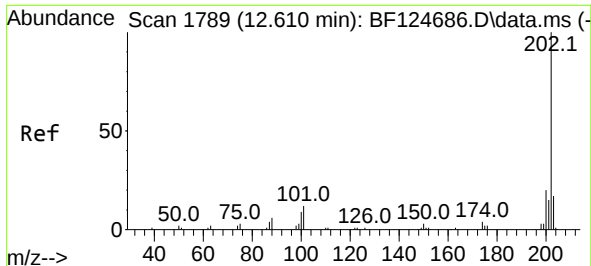
Tgt Ion:178 Resp: 3084
Ion Ratio Lower Upper
178 100
176 17.9 14.7 22.1
179 16.8 11.5 17.3



#72
Anthracene
Concen: 2.83 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.059 min
Lab File: BF124815.D
Acq: 28 Jul 2021 3:03

Tgt Ion:178 Resp: 3084
Ion Ratio Lower Upper
178 100
176 17.9 14.3 21.5
179 16.8 12.2 18.4

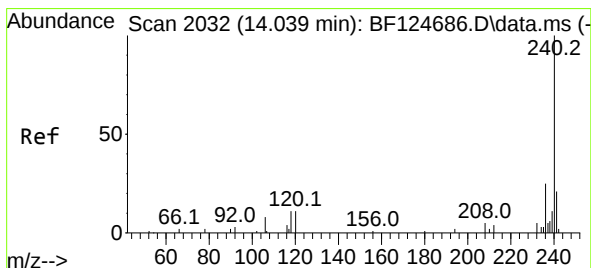
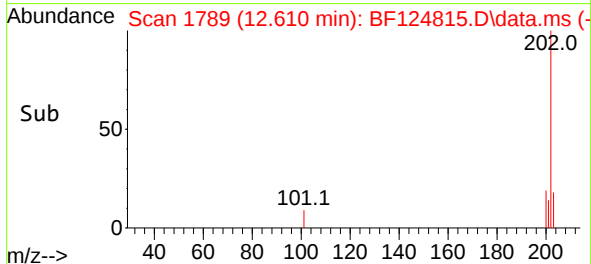
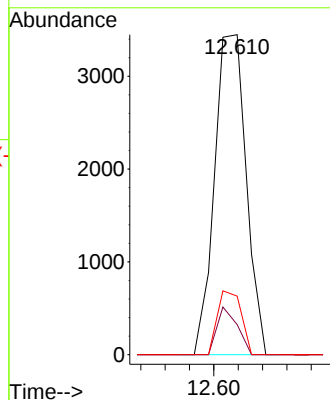
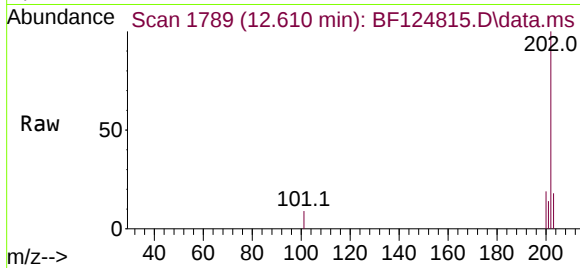




#75
Fluoranthene
Concen: 2.80 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF124815.D
Acq: 28 Jul 2021 3:03

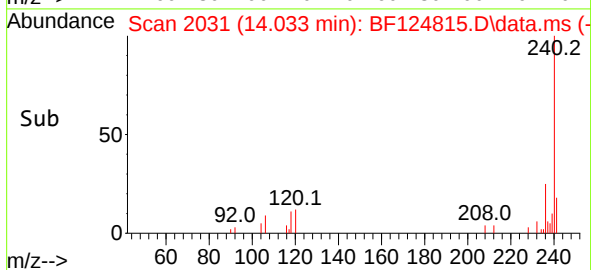
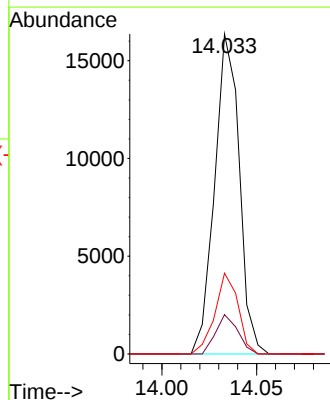
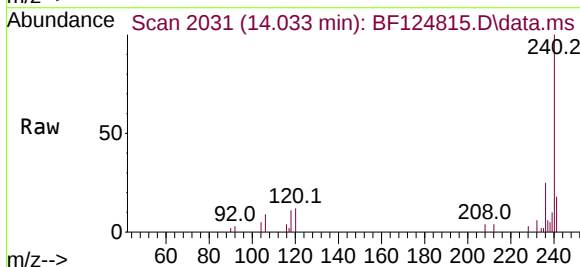
Instrument :
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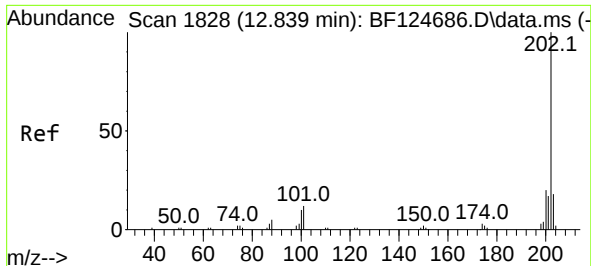
Tgt Ion:	202	Resp:	3116
Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	30.7
203	18.3	0.0	36.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124815.D
Acq: 28 Jul 2021 3:03

Tgt Ion:	240	Resp:	14817
Ion	Ratio	Lower	Upper
240	100		
120	12.3	10.8	16.2
236	25.2	21.6	32.4

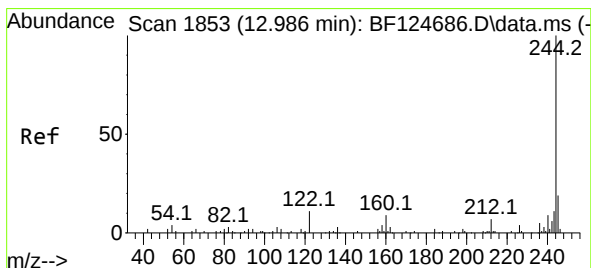
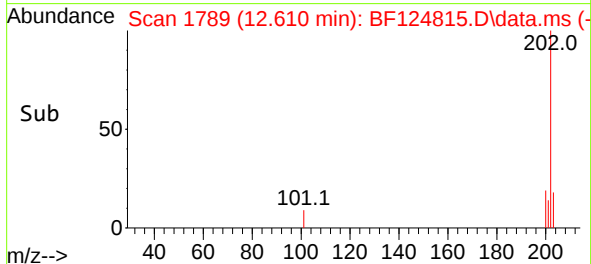
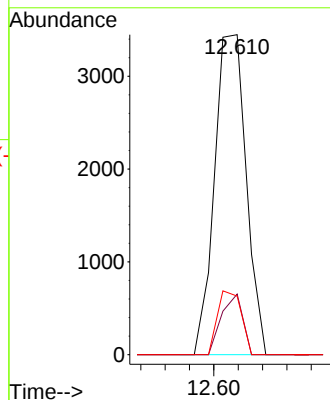
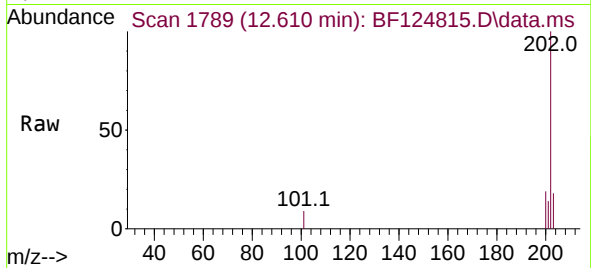




#78
Pyrene
Concen: 2.66 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.230 min
Lab File: BF124815.D
Acq: 28 Jul 2021 3:03

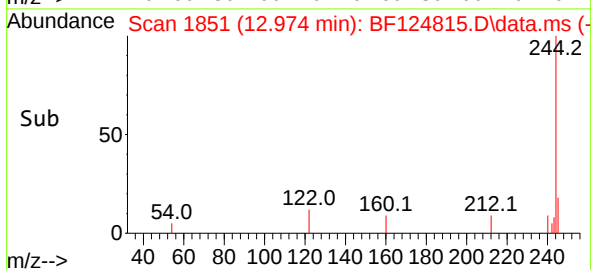
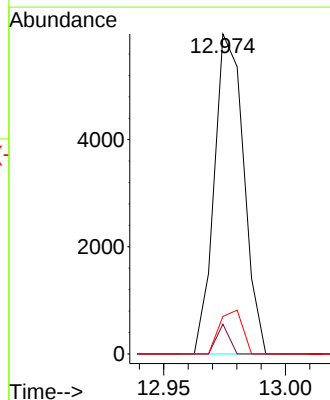
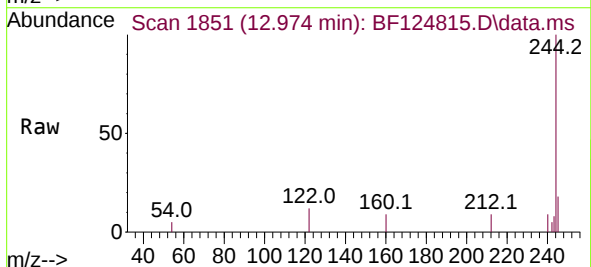
Instrument :
BNA_F
ClientSampleId :
JONES-RD-STOCKPILE

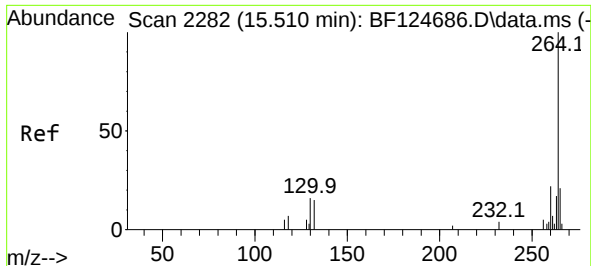
Tgt Ion:202 Resp: 3116
Ion Ratio Lower Upper
202 100
200 18.9 15.3 22.9
203 18.3 13.4 20.0



#79
Terphenyl-d14
Concen: 5.81 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF124815.D
Acq: 28 Jul 2021 3:03

Tgt Ion:244 Resp: 5026
Ion Ratio Lower Upper
244 100
212 9.3 5.9 8.9#
122 11.8 9.0 13.4

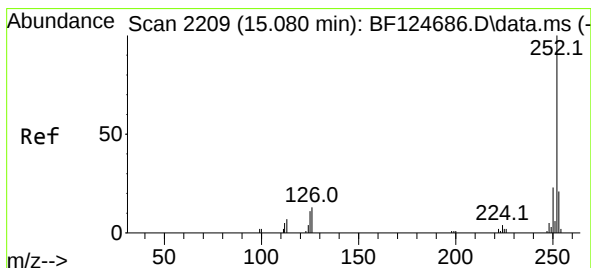
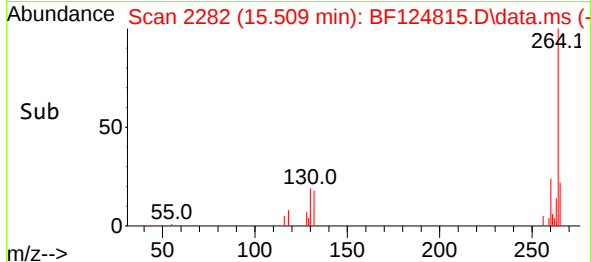
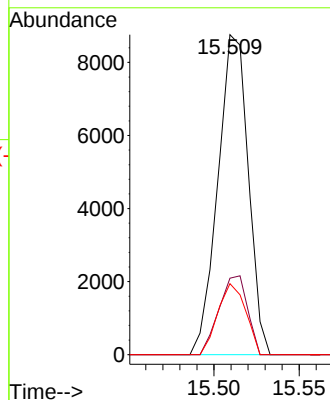
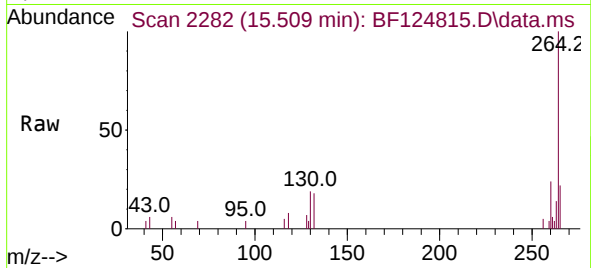




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.509 min Scan# 2282
 Delta R.T. -0.000 min
 Lab File: BF124815.D
 Acq: 28 Jul 2021 3:03

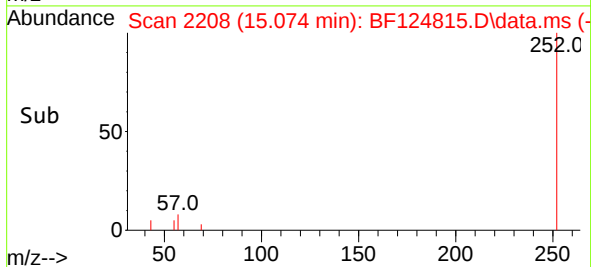
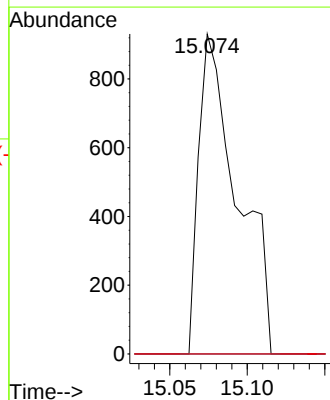
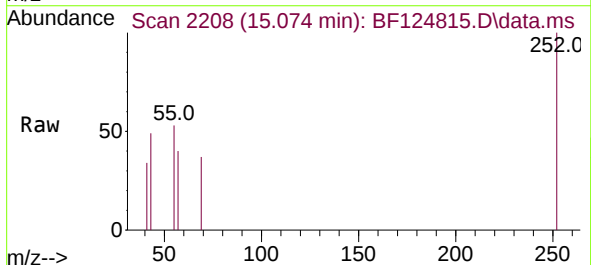
Instrument :
 BNA_F
 ClientSampleId :
 JONES-RD-STOCKPILE

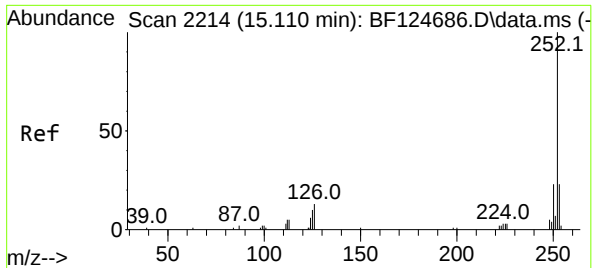
Tgt Ion:264	Resp:	10871
Ion Ratio	Lower	Upper
264	100	
260	23.9	19.6 29.4
265	22.2	17.2 25.8



#88
 Benzo(b)fluoranthene
 Concen: 2.12 ng
 RT: 15.074 min Scan# 2208
 Delta R.T. -0.006 min
 Lab File: BF124815.D
 Acq: 28 Jul 2021 3:03

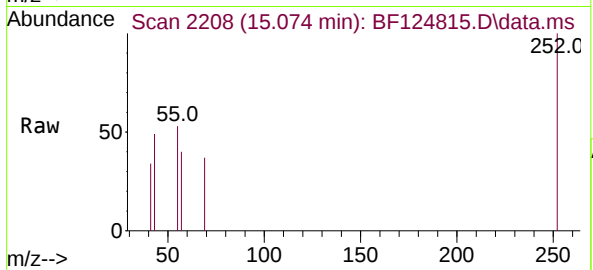
Tgt Ion:252	Resp:	1621
Ion Ratio	Lower	Upper
252	100	
253	0.0	16.8 25.2#
125	0.0	9.8 14.8#





#89
 Benzo(k)fluoranthene
 Concen: 2.32 ng
 RT: 15.074 min Scan# 2208
 Delta R.T. -0.035 min
 Lab File: BF124815.D
 Acq: 28 Jul 2021 3:03

Instrument :
 BNA_F
 ClientSampleId :
 JONES-RD-STOCKPILE



Tgt Ion:	252	Resp:	1621
Ion Ratio	Lower	Upper	
252	100		
253	0.0	17.8	26.8#
125	0.0	7.2	10.8#

