

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072421\
 Data File : BF124747.D
 Acq On : 24 Jul 2021 14:56
 Operator : JU/CG
 Sample : M3117-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NJ-CLEAN-4

Quant Time: Jul 25 04:28:43 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)

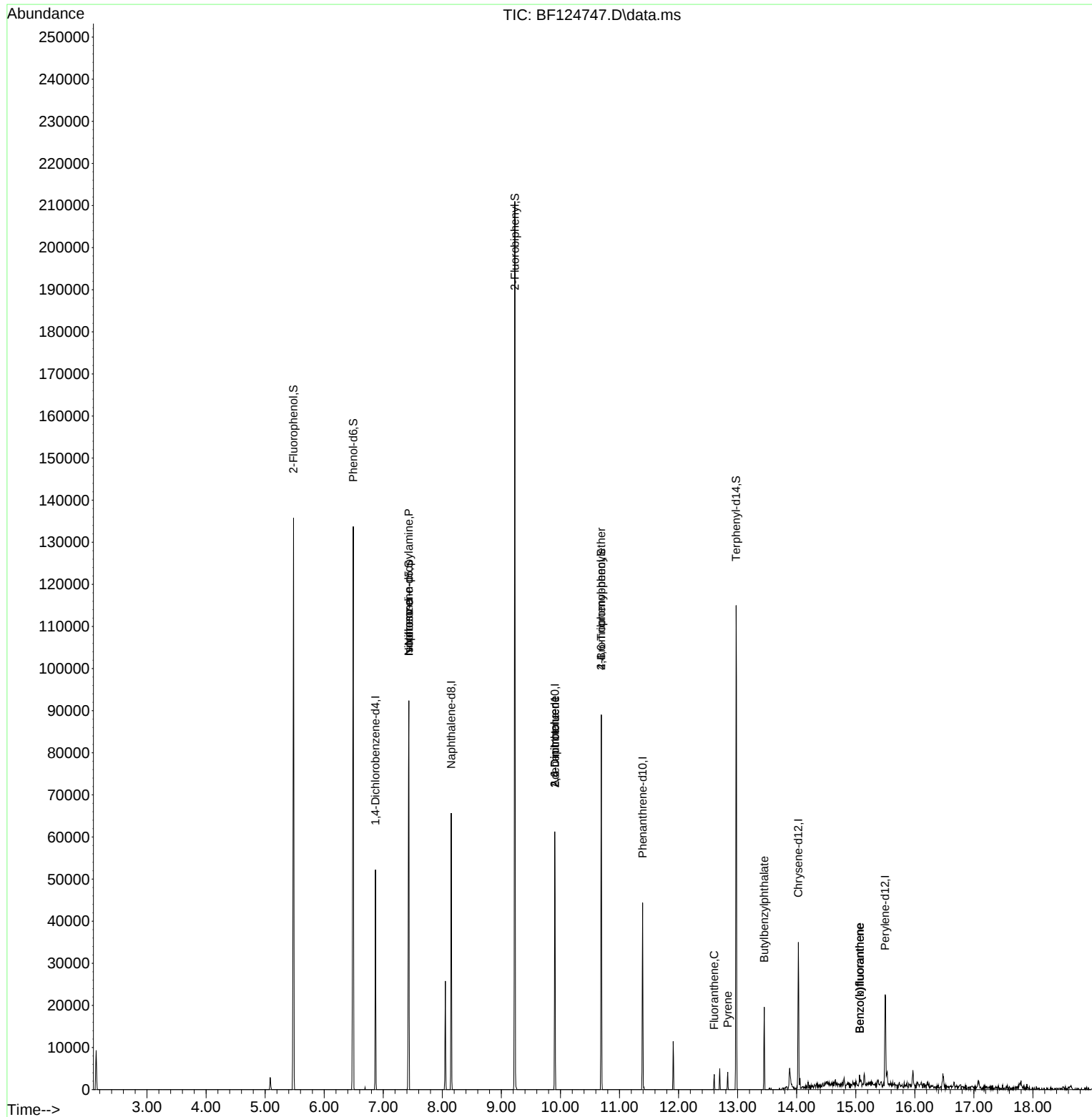
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6723	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	25561	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	12245	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	16171	20.000	ng	0.00
76) Chrysene-d12	14.027	240	12358	20.000	ng	-0.01
86) Perylene-d12	15.498	264	11211	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	34587	87.106	ng	0.00
7) Phenol-d6	6.492	99	41984	84.341	ng	0.00
23) Nitrobenzene-d5	7.434	82	26768	62.328	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	7707	73.306	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	57360	68.801	ng	0.00
79) Terphenyl-d14	12.974	244	38323	53.157	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	3645	13.713	ng	# 69
25) Isophorone	7.434	82	26767	35.248	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	1401	7.521	ng	# 26
57) 2,4-Dinitrotoluene	9.904	165	1401	5.542	ng	# 18
67) 4-Bromophenyl-phenylether	10.692	248	610	3.557	ng	# 1
75) Fluoranthene	12.604	202	1936	2.181	ng	88
78) Pyrene	12.833	202	1971	2.015	ng	95
80) Butylbenzylphthalate	13.451	149	4576	9.765	ng	94
88) Benzo(b)fluoranthene	15.068	252	2673	3.386	ng	# 80
89) Benzo(k)fluoranthene	15.068	252	2673	3.706	ng	# 86

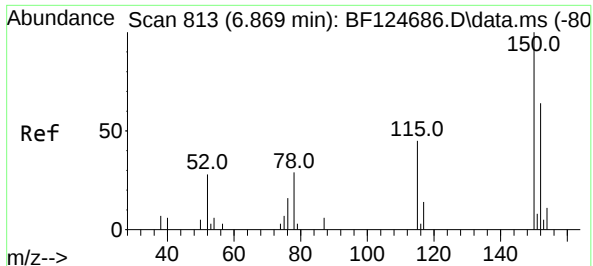
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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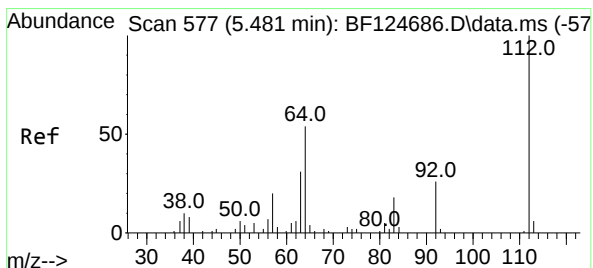
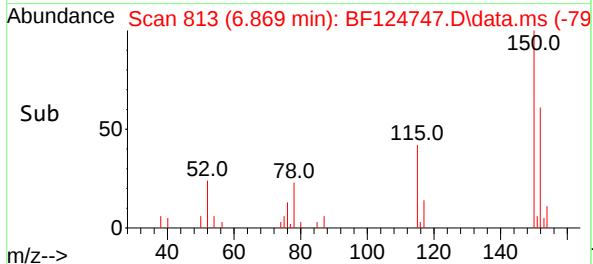
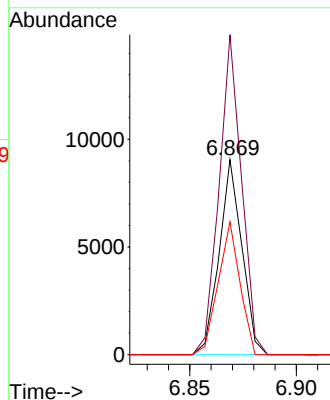
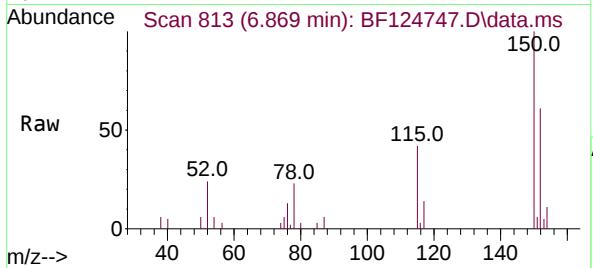




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124747.D
Acq: 24 Jul 2021 14:56

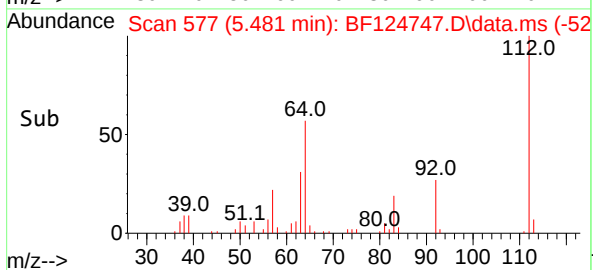
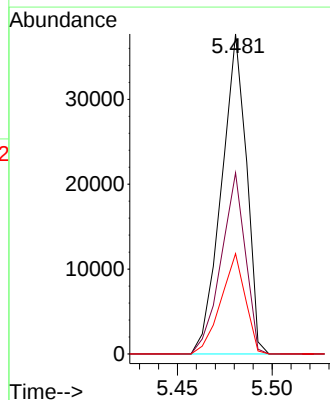
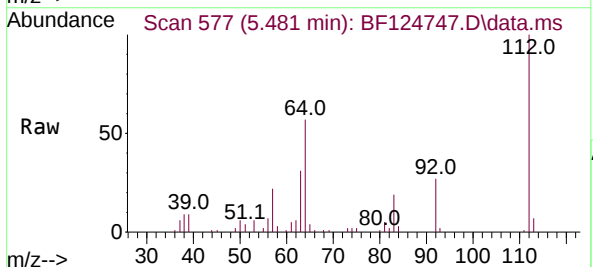
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-4

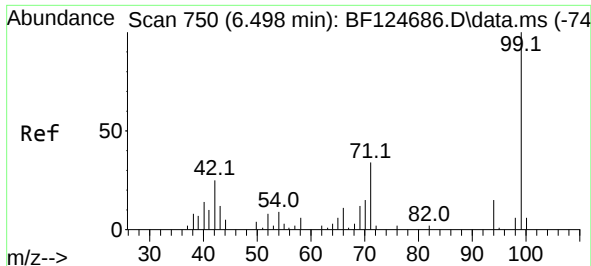
Tgt Ion:152 Resp: 6723
Ion Ratio Lower Upper
152 100
150 164.1 117.6 176.4
115 68.1 47.1 70.7



#5
2-Fluorophenol
Concen: 87.106 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF124747.D
Acq: 24 Jul 2021 14:56

Tgt Ion:112 Resp: 34587
Ion Ratio Lower Upper
112 100
64 56.6 44.2 66.2
63 31.4 26.2 39.2

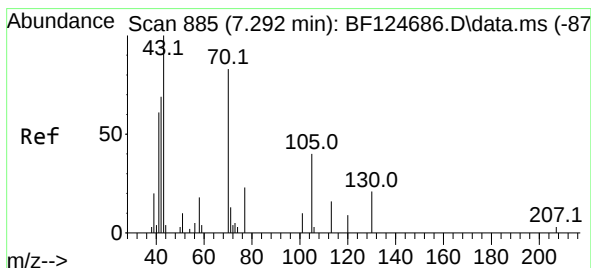
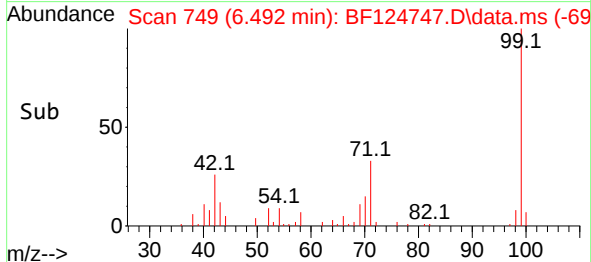
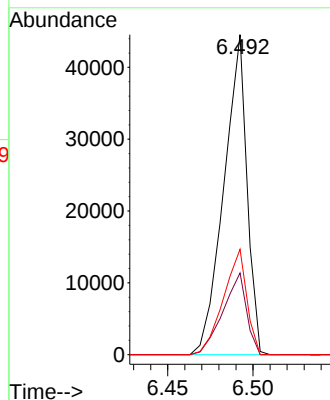
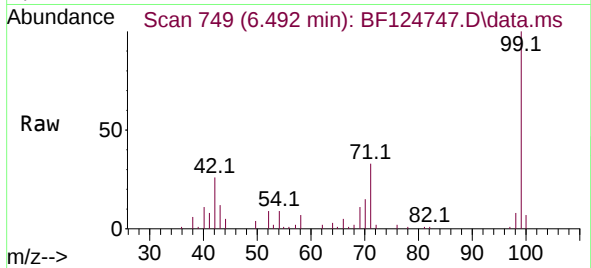




#7
Phenol-d6
Concen: 84.341 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124747.D
Acq: 24 Jul 2021 14:56

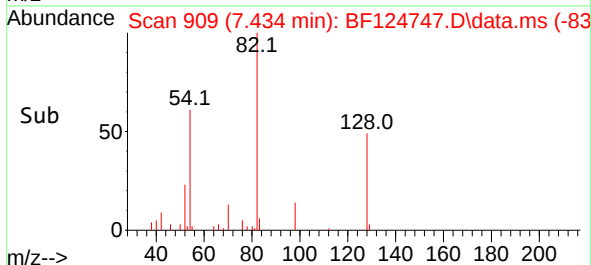
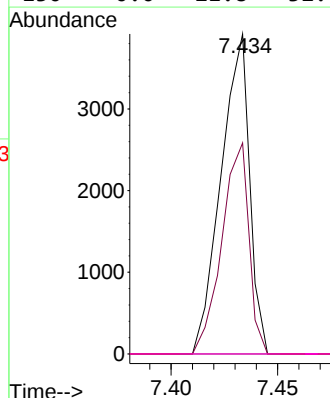
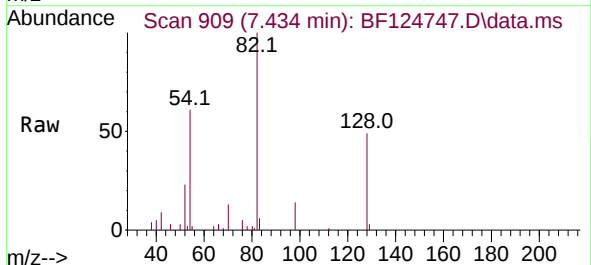
Instrument :
BNA_F
ClientSampleId :
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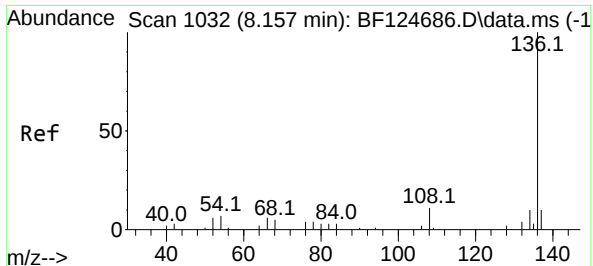
Tgt Ion:	99	Resp:	41984
Ion	Ratio	Lower	Upper
99	100		
42	25.6	23.5	35.3
71	32.9	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.713 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124747.D
Acq: 24 Jul 2021 14:56

Tgt Ion:	70	Resp:	3645
Ion	Ratio	Lower	Upper
70	100		
42	65.9	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

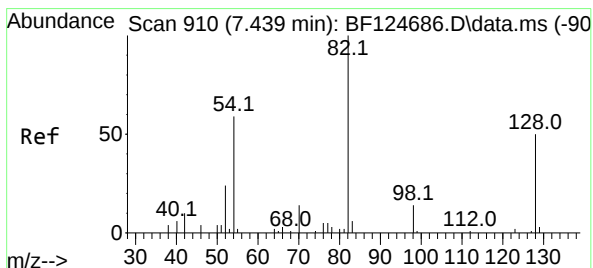
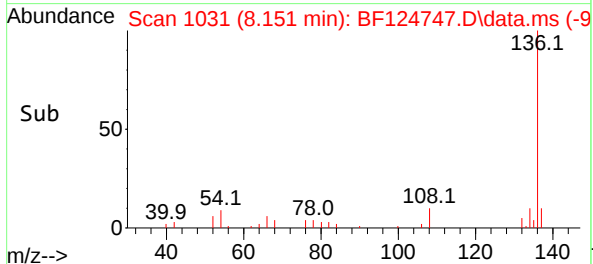
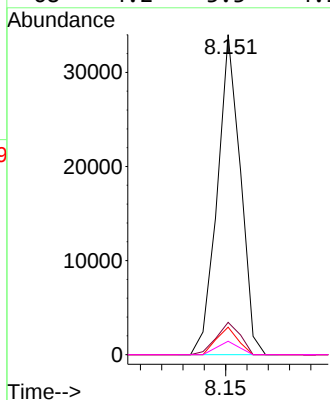
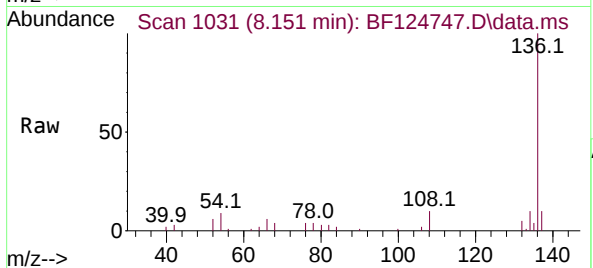




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124747.D
Acq: 24 Jul 2021 14:56

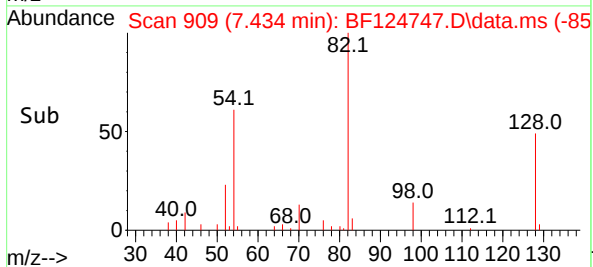
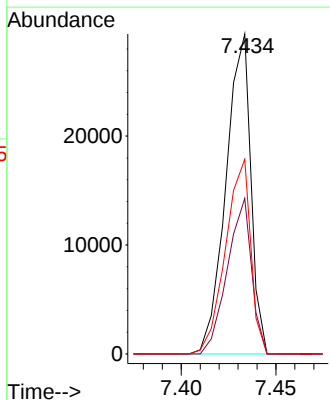
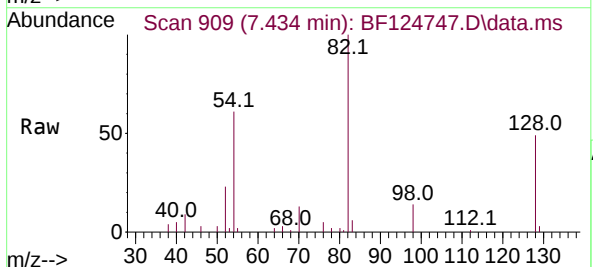
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-4

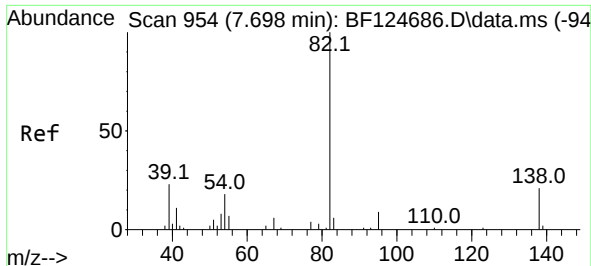
Tgt Ion:	136	Resp:	25561
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.8	14.6
54	8.6	6.4	9.6
68	4.2	3.3	4.9



#23
Nitrobenzene-d5
Concen: 62.328 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124747.D
Acq: 24 Jul 2021 14:56

Tgt Ion:	82	Resp:	26768
Ion	Ratio	Lower	Upper
82	100		
128	48.6	40.6	60.8
54	60.8	49.6	74.4

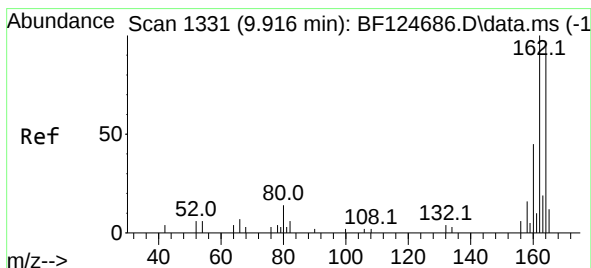
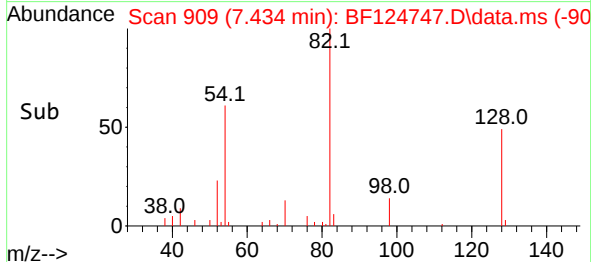
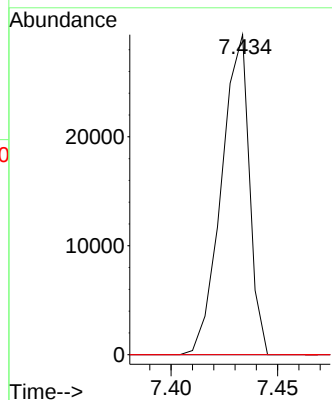
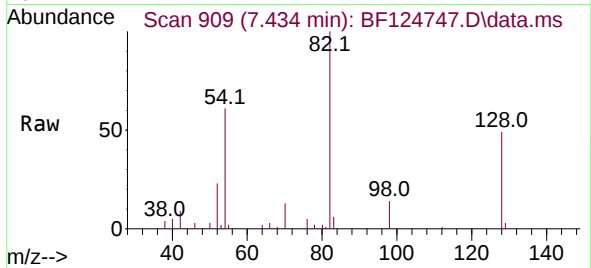




#25
Isophorone
Concen: 35.248 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124747.D
Acq: 24 Jul 2021 14:56

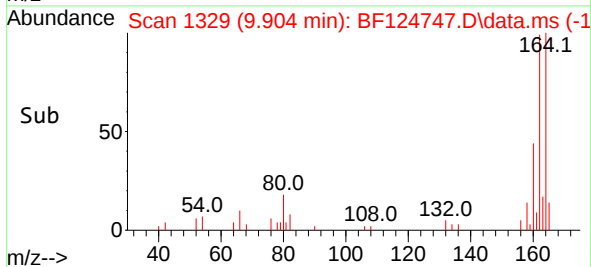
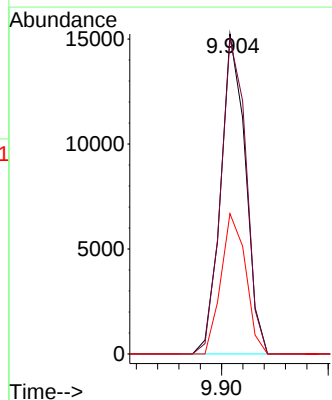
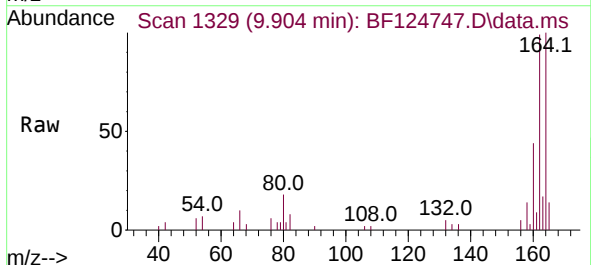
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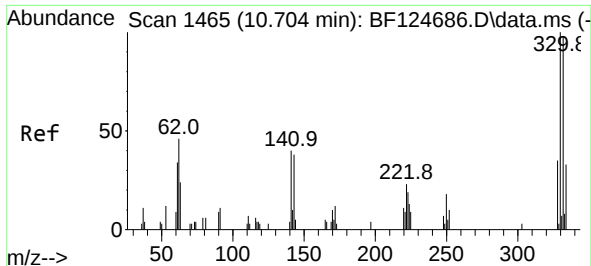
Tgt Ion: 82 Resp: 26767
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF124747.D
Acq: 24 Jul 2021 14:56

Tgt Ion: 164 Resp: 12245
Ion Ratio Lower Upper
164 100
162 98.6 81.3 121.9
160 43.8 38.0 57.0

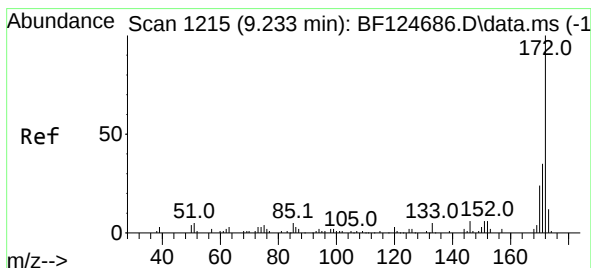
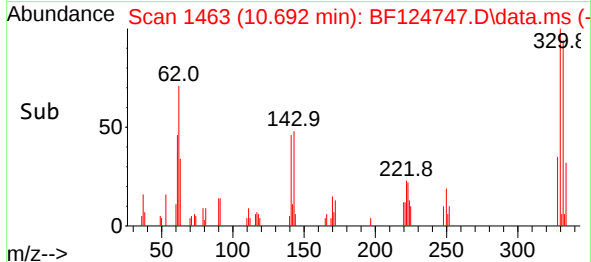
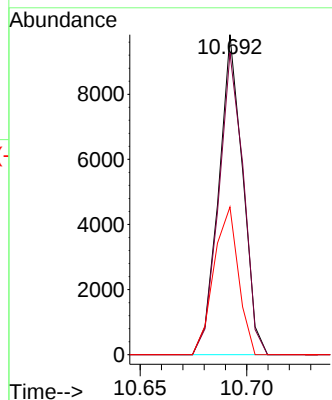
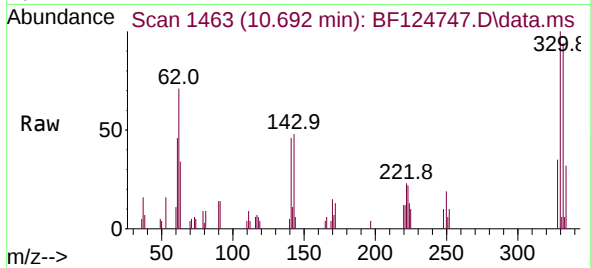




#42
2,4,6-Tribromophenol
Concen: 73.306 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BF124747.D
Acq: 24 Jul 2021 14:56

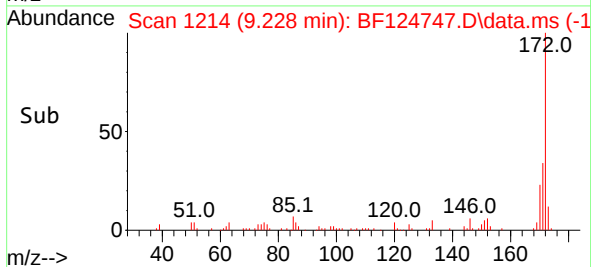
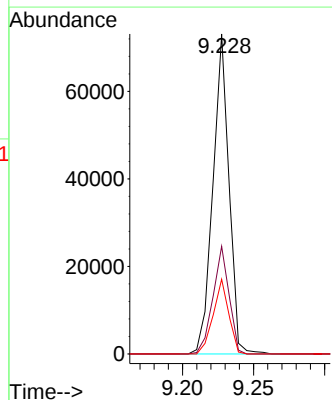
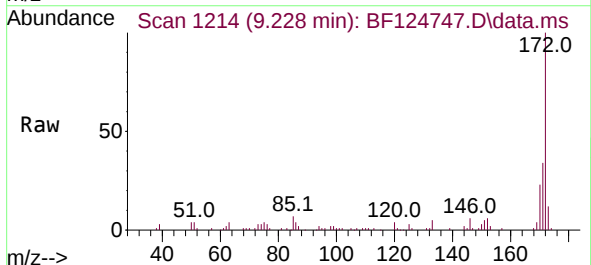
Instrument :
BNA_F
ClientSampled :
NJ-CLEAN-4

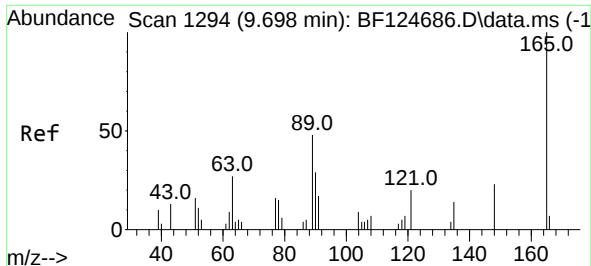
Tgt Ion: 330 Resp: 7707
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 47.2 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 68.801 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124747.D
Acq: 24 Jul 2021 14:56

Tgt Ion: 172 Resp: 57360
Ion Ratio Lower Upper
172 100
171 33.6 26.5 39.7
170 23.3 18.8 28.2

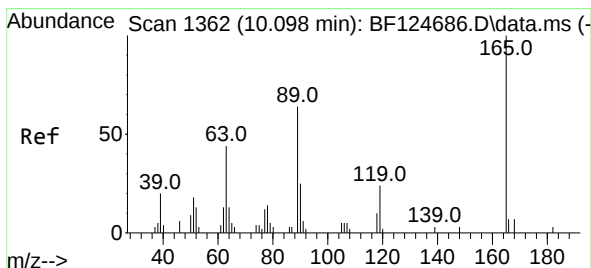
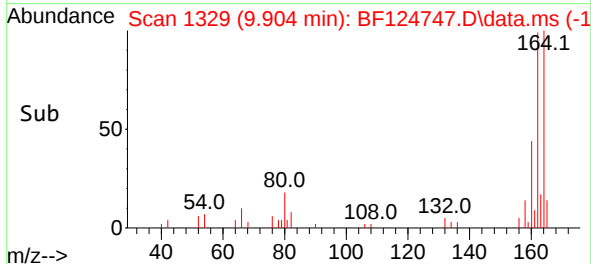
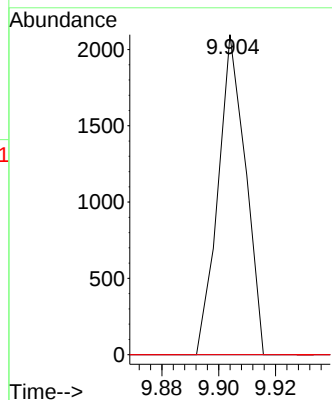
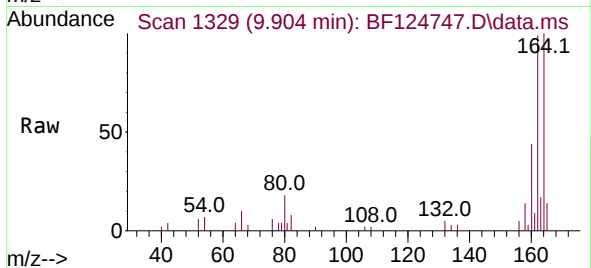




#51
2,6-Dinitrotoluene
Concen: 7.521 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF124747.D
Acq: 24 Jul 2021 14:56

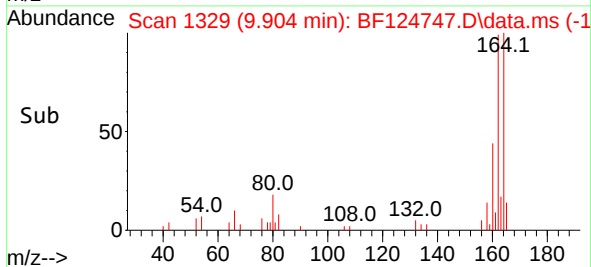
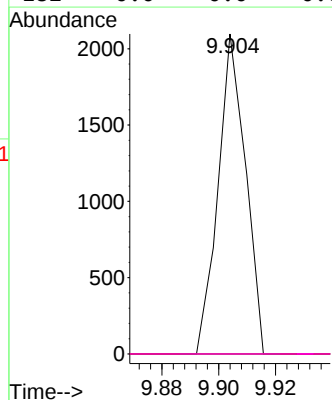
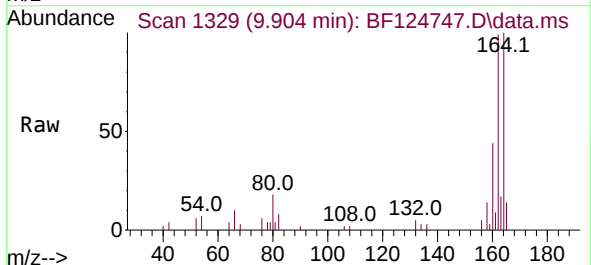
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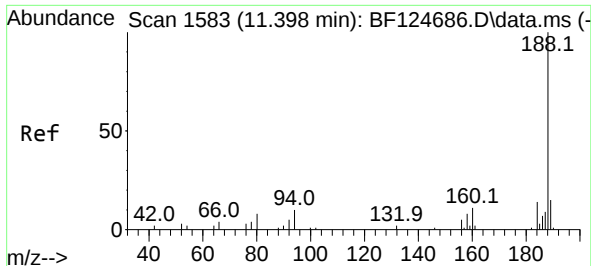
Tgt Ion:165 Resp: 1401
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.542 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF124747.D
Acq: 24 Jul 2021 14:56

Tgt Ion:165 Resp: 1401
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

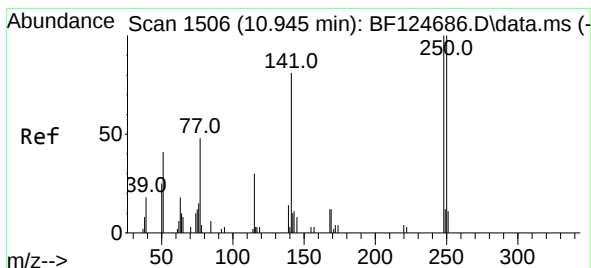
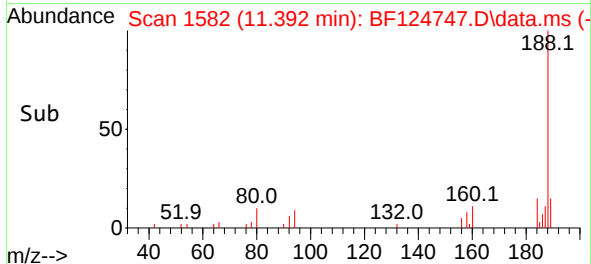
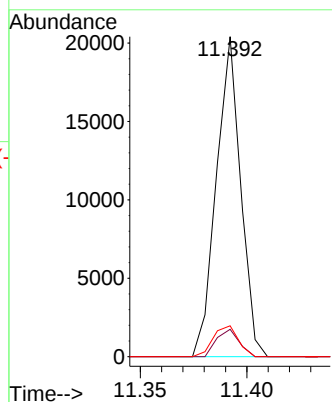
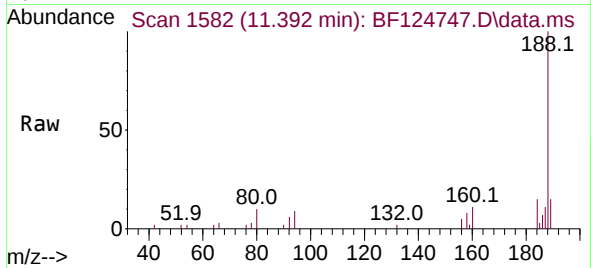




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124747.D
Acq: 24 Jul 2021 14:56

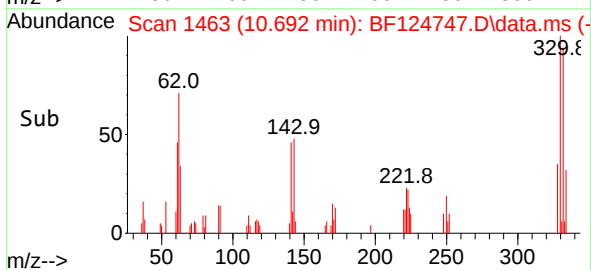
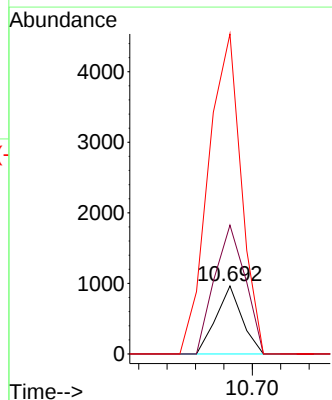
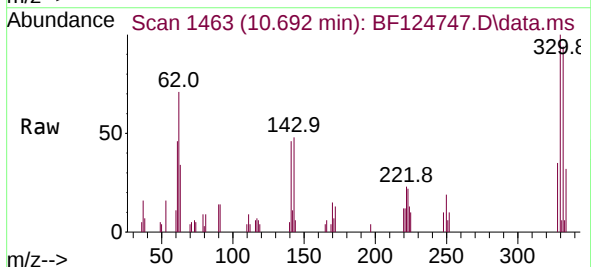
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-4

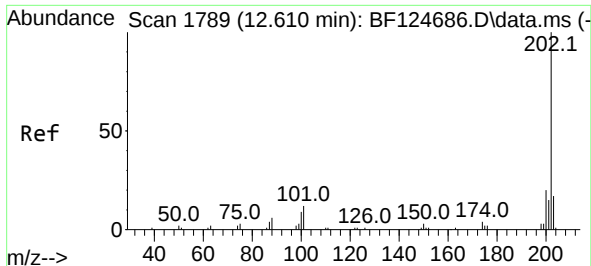
Tgt Ion:188	Resp:	16171
Ion Ratio	Lower	Upper
188	100	
94	8.5	6.7 10.1
80	9.7	7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.557 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.253 min
Lab File: BF124747.D
Acq: 24 Jul 2021 14:56

Tgt Ion:248	Resp:	610
Ion Ratio	Lower	Upper
248	100	
250	189.4	74.2 111.4#
141	470.4	60.4 90.6#

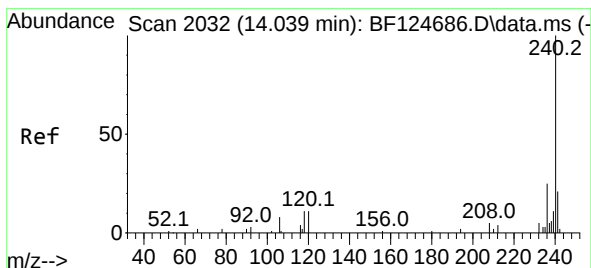
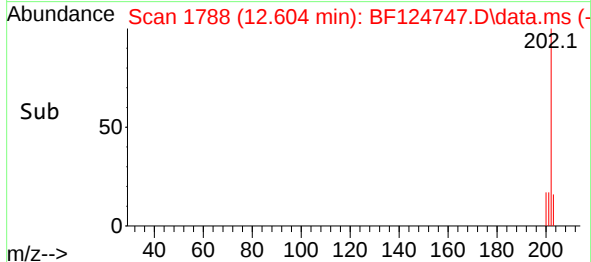
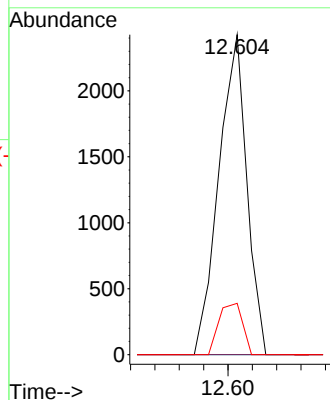
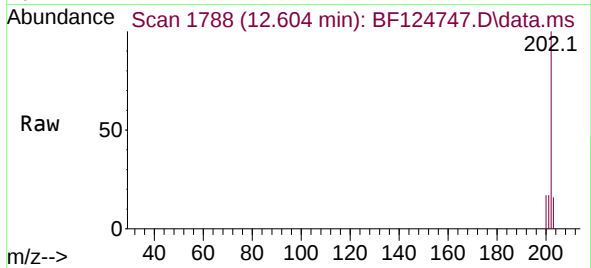




#75
Fluoranthene
Concen: 2.181 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF124747.D
Acq: 24 Jul 2021 14:56

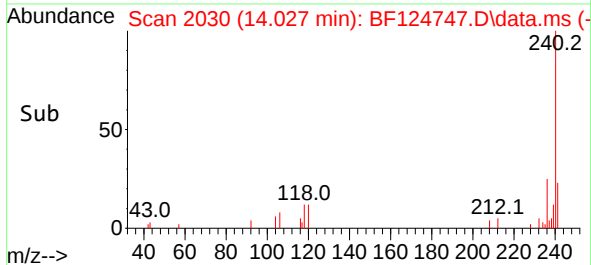
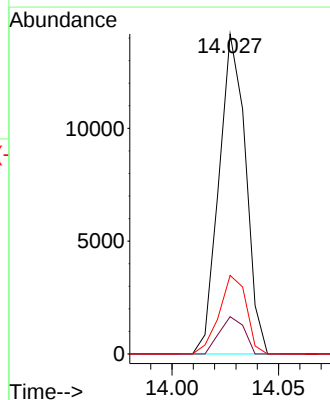
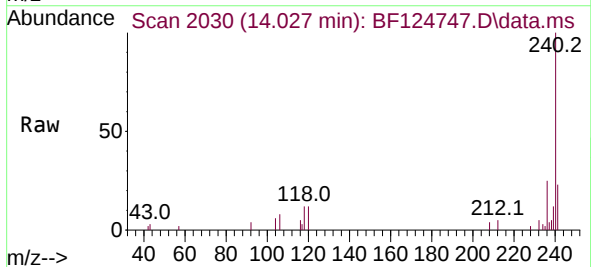
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-4

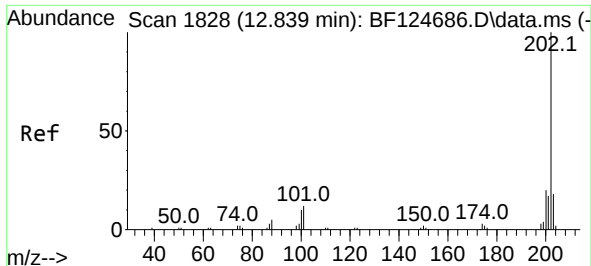
Tgt Ion:202	Resp:	1936
Ion Ratio	Lower	Upper
202	100	
101	0.0	30.7
203	16.0	36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF124747.D
Acq: 24 Jul 2021 14:56

Tgt Ion:240	Resp:	12358
Ion Ratio	Lower	Upper
240	100	
120	11.6	16.2
236	24.5	32.4

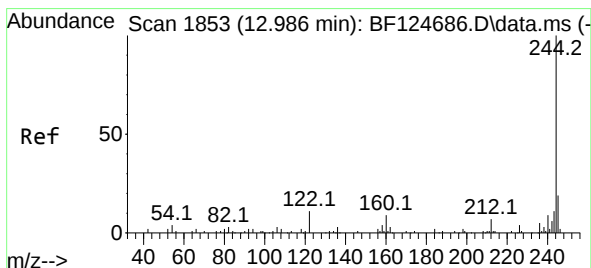
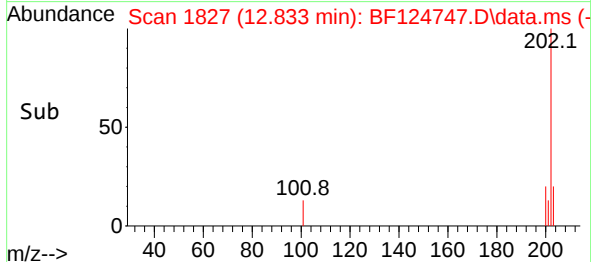
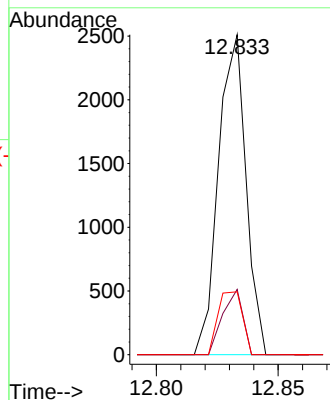
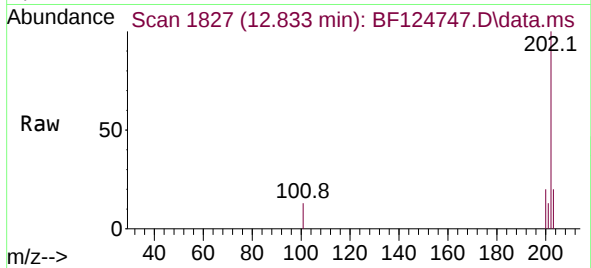




#78
Pyrene
Concen: 2.015 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF124747.D
Acq: 24 Jul 2021 14:56

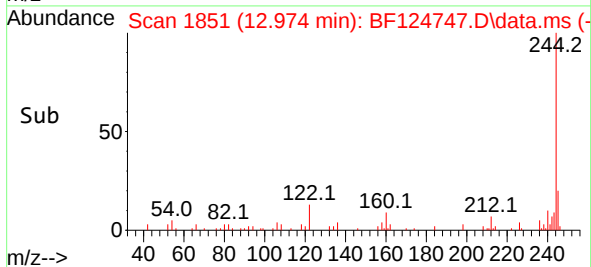
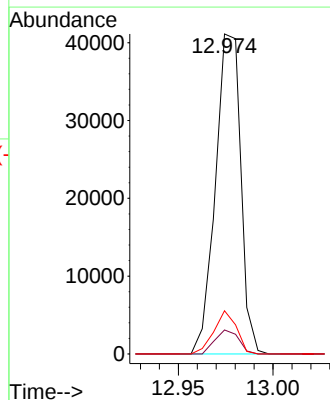
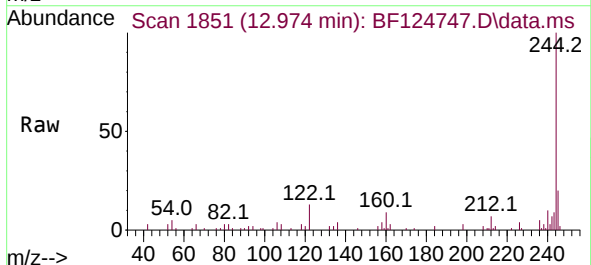
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-4

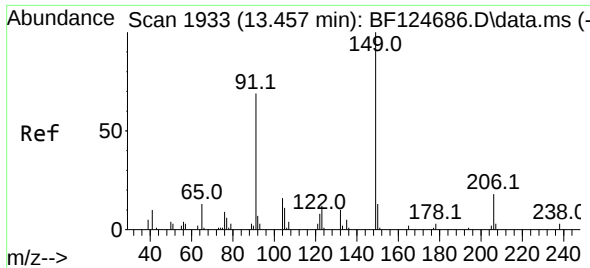
Tgt Ion:202	Resp:	1971
Ion Ratio	Lower	Upper
202	100	
200	20.4	15.3 22.9
203	19.7	13.4 20.0



#79
Terphenyl-d14
Concen: 53.157 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF124747.D
Acq: 24 Jul 2021 14:56

Tgt Ion:244	Resp:	38323
Ion Ratio	Lower	Upper
244	100	
212	7.5	5.9 8.9
122	13.5	9.0 13.4#

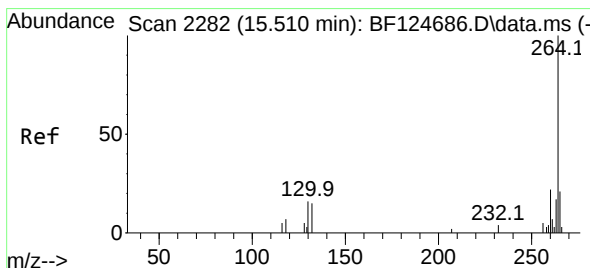
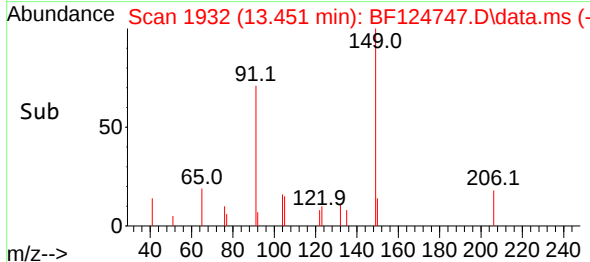
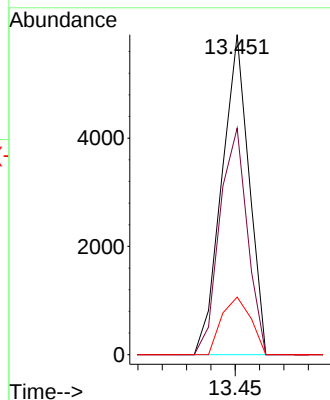
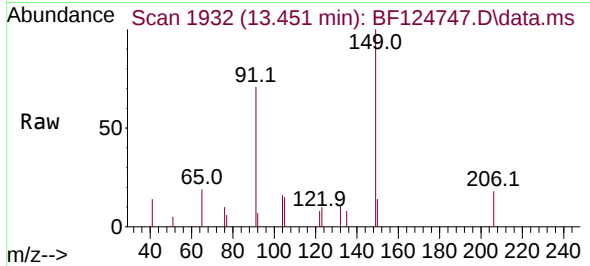




#80
Butylbenzylphthalate
Concen: 9.765 ng
RT: 13.451 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BF124747.D
Acq: 24 Jul 2021 14:56

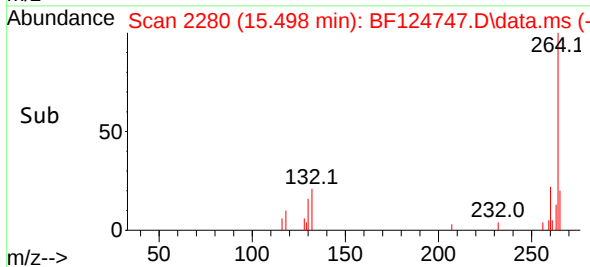
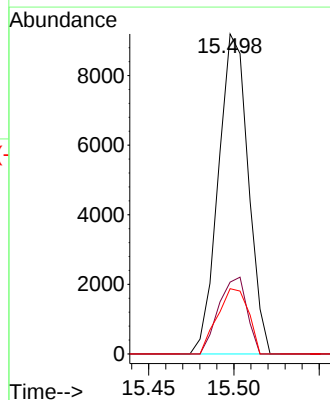
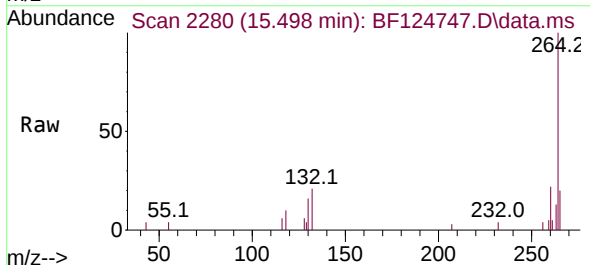
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-4

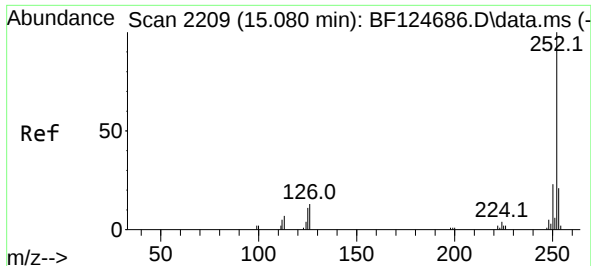
Tgt Ion:	149	Resp:	4576
Ion Ratio	Lower	Upper	
149	100		
91	70.8	51.8	77.8
206	18.0	14.5	21.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. -0.012 min
Lab File: BF124747.D
Acq: 24 Jul 2021 14:56

Tgt Ion:	264	Resp:	11211
Ion Ratio	Lower	Upper	
264	100		
260	22.5	19.6	29.4
265	20.4	17.2	25.8

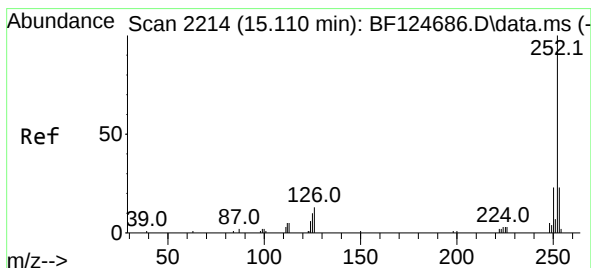
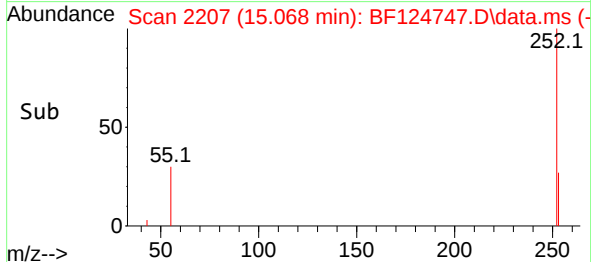
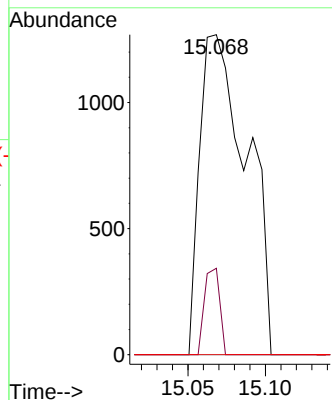
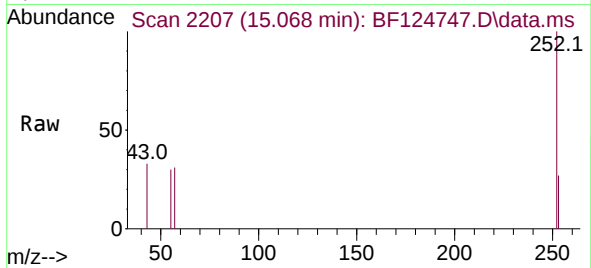




#88
Benzo(b)fluoranthene
Concen: 3.386 ng
RT: 15.068 min Scan# 2207
Delta R.T. -0.012 min
Lab File: BF124747.D
Acq: 24 Jul 2021 14:56

Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-4

Tgt Ion:252 Resp: 2673
Ion Ratio Lower Upper
252 100
253 27.0 16.8 25.2#
125 0.0 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 3.706 ng
RT: 15.068 min Scan# 2207
Delta R.T. -0.041 min
Lab File: BF124747.D
Acq: 24 Jul 2021 14:56

Tgt Ion:252 Resp: 2673
Ion Ratio Lower Upper
252 100
253 27.0 17.8 26.8#
125 0.0 7.2 10.8#

