

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072421\
 Data File : BF124746.D
 Acq On : 24 Jul 2021 14:23
 Operator : JU/CG
 Sample : M3117-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NJ-CLEAN-2

Quant Time: Jul 25 04:28:32 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)

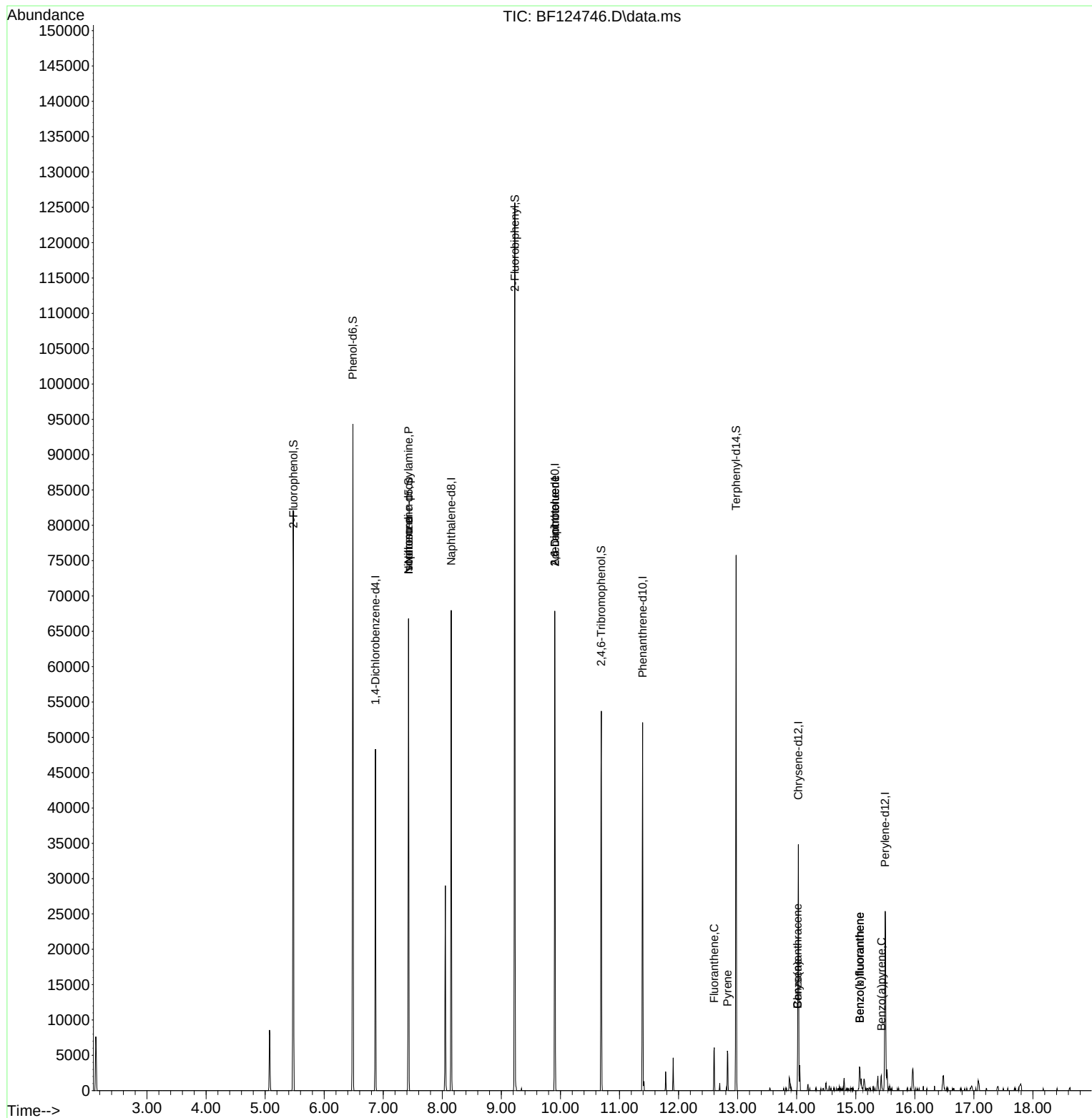
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6388	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	26257	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	12949	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	18568	20.000	ng	0.00
76) Chrysene-d12	14.027	240	11951	20.000	ng	#-0.01
86) Perylene-d12	15.498	264	12515	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	21764	57.686	ng	0.00
7) Phenol-d6	6.486	99	26913	56.901	ng	-0.01
23) Nitrobenzene-d5	7.428	82	17387	39.412	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	5501	49.478	ng	-0.01
45) 2-Fluorobiphenyl	9.227	172	36398	41.285	ng	0.00
79) Terphenyl-d14	12.974	244	22663	32.506	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	2286	9.051	ng	# 68
25) Isophorone	7.428	82	17387	22.289	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	1493	7.579	ng	# 26
57) 2,4-Dinitrotoluene	9.904	165	1493	5.585	ng	# 18
75) Fluoranthene	12.604	202	3081	3.023	ng	95
78) Pyrene	12.827	202	2745	2.901	ng	96
81) Benzo(a)anthracene	14.015	228	1595	2.042	ng	95
83) Chrysene	14.015	228	1595	2.119	ng	93
88) Benzo(b)fluoranthene	15.068	252	4004	4.544	ng	# 86
89) Benzo(k)fluoranthene	15.068	252	4004	4.973	ng	# 89
90) Benzo(a)pyrene	15.433	252	1577	2.142	ng	# 83

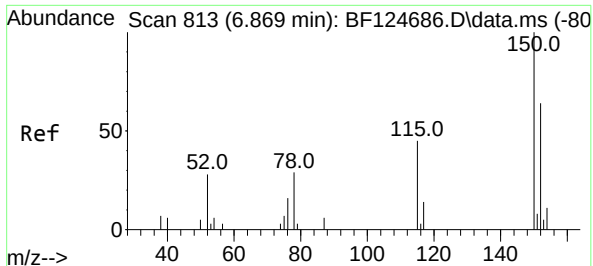
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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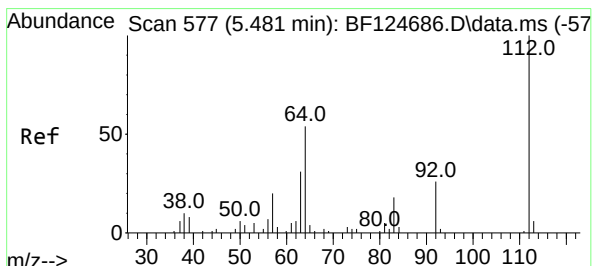
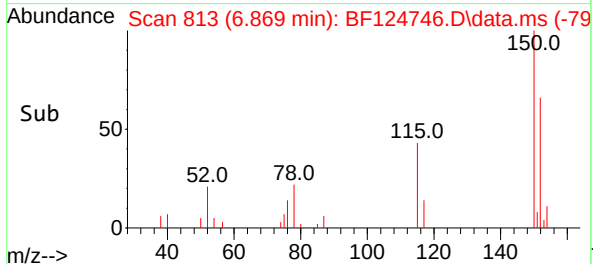
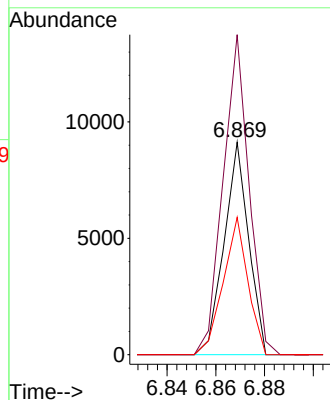
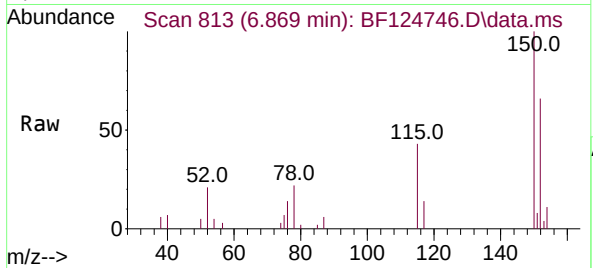




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124746.D
Acq: 24 Jul 2021 14:23

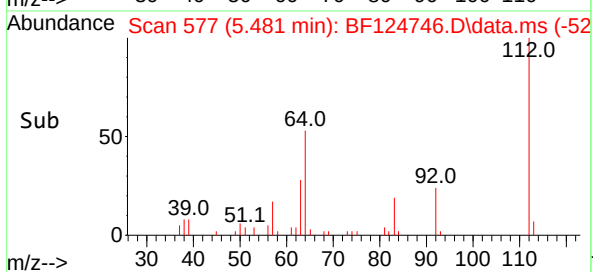
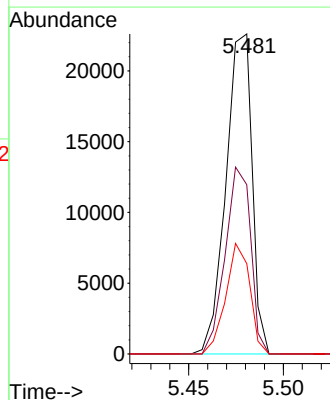
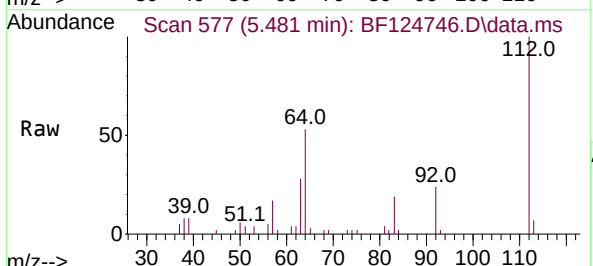
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-2

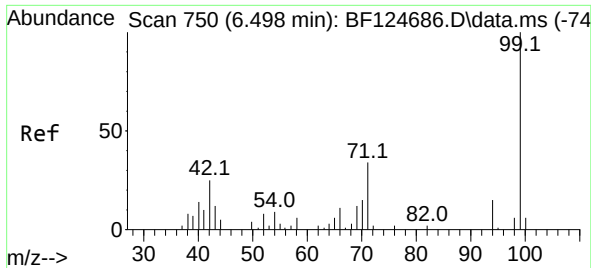
Tgt Ion:152 Resp: 6388
Ion Ratio Lower Upper
152 100
150 150.6 117.6 176.4
115 64.6 47.1 70.7



#5
2-Fluorophenol
Concen: 57.686 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF124746.D
Acq: 24 Jul 2021 14:23

Tgt Ion:112 Resp: 21764
Ion Ratio Lower Upper
112 100
64 52.9 44.2 66.2
63 28.3 26.2 39.2

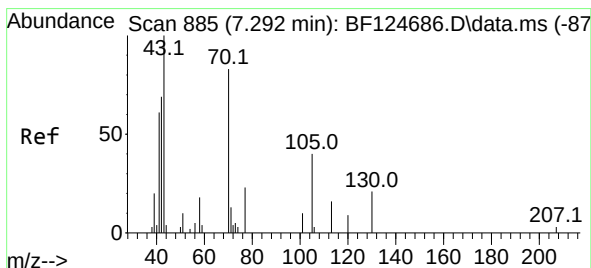
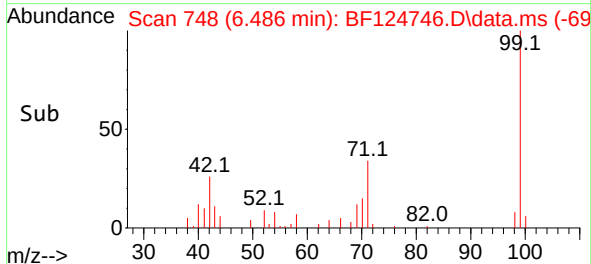
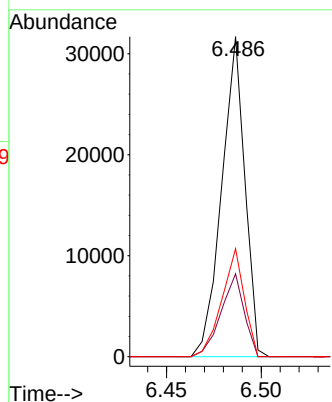
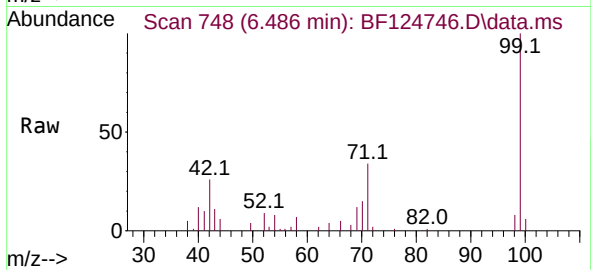




#7
Phenol-d6
Concen: 56.901 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124746.D
Acq: 24 Jul 2021 14:23

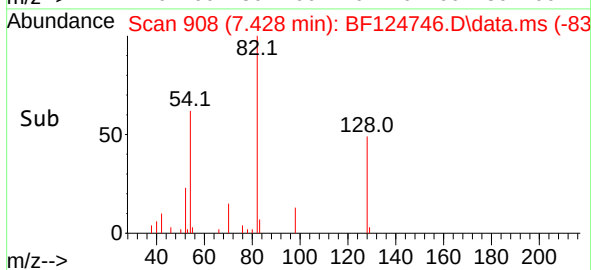
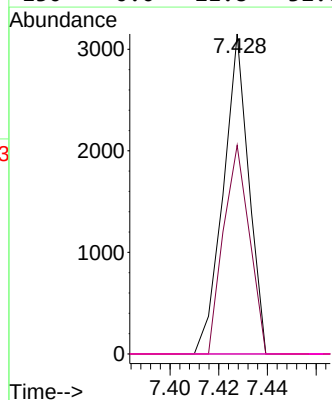
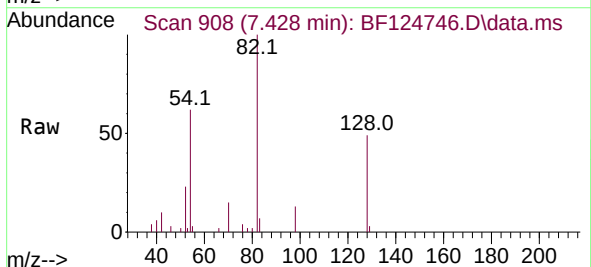
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-2

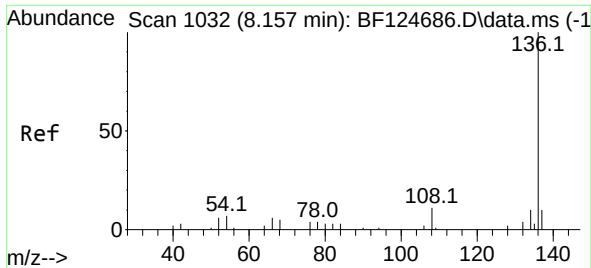
Tgt Ion: 99 Resp: 26913
Ion Ratio Lower Upper
99 100
42 25.9 23.5 35.3
71 33.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.051 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF124746.D
Acq: 24 Jul 2021 14:23

Tgt Ion: 70 Resp: 2286
Ion Ratio Lower Upper
70 100
42 65.2 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

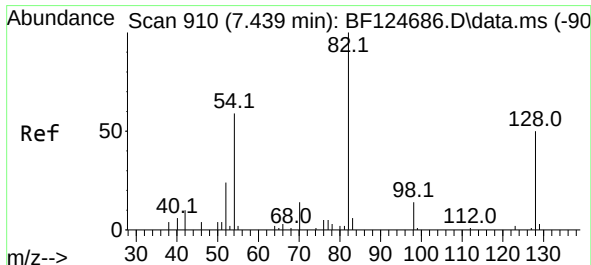
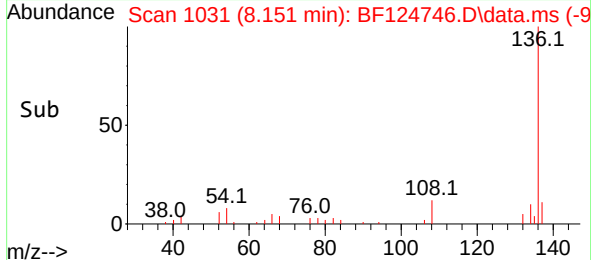
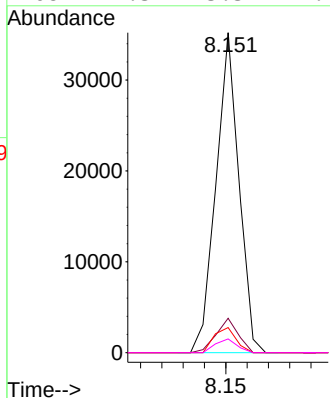
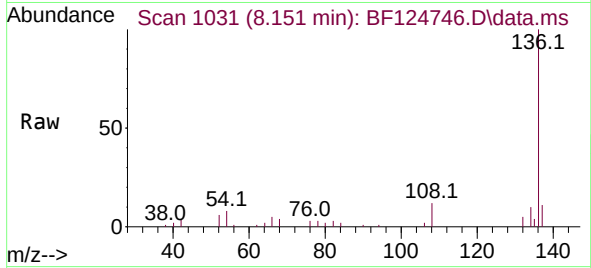




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124746.D
Acq: 24 Jul 2021 14:23

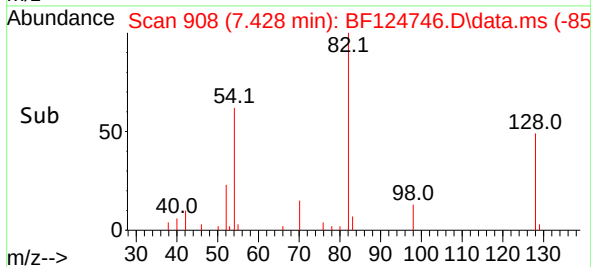
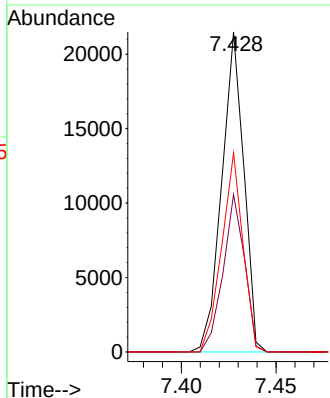
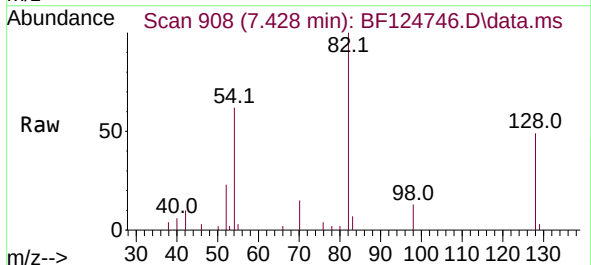
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-2

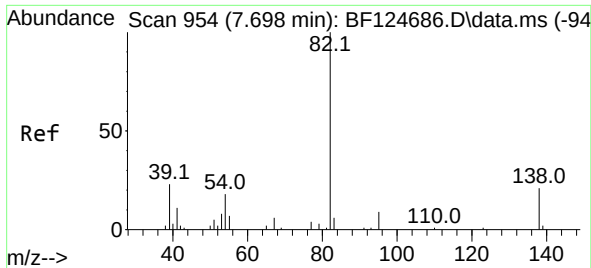
Tgt Ion:	136	Resp:	26257
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.8	14.6
54	7.9	6.4	9.6
68	4.3	3.3	4.9



#23
Nitrobenzene-d5
Concen: 39.412 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF124746.D
Acq: 24 Jul 2021 14:23

Tgt Ion:	82	Resp:	17387
Ion Ratio	Lower	Upper	
82	100		
128	49.2	40.6	60.8
54	62.2	49.6	74.4

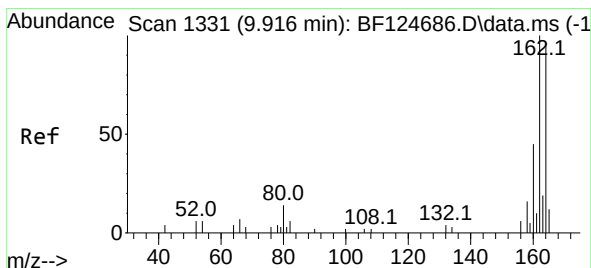
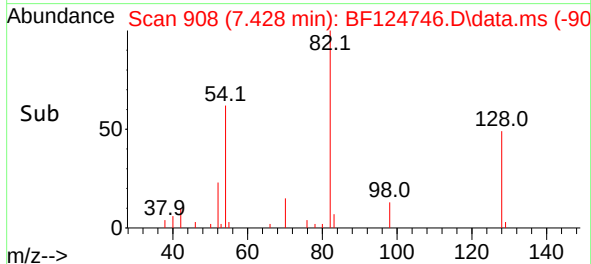
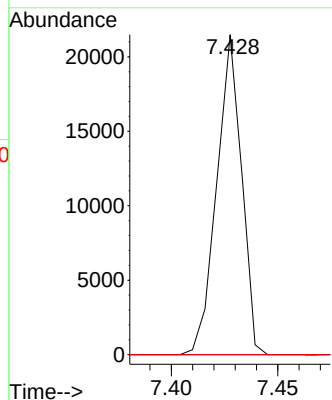
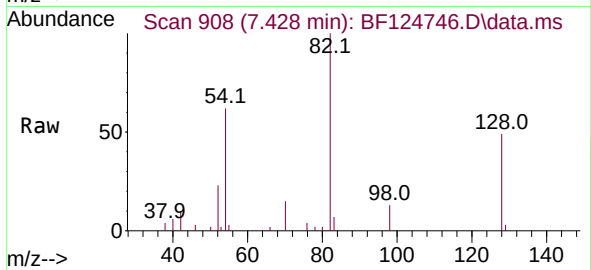




#25
Isophorone
Concen: 22.289 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.271 min
Lab File: BF124746.D
Acq: 24 Jul 2021 14:23

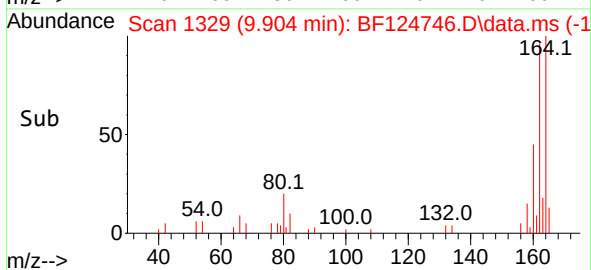
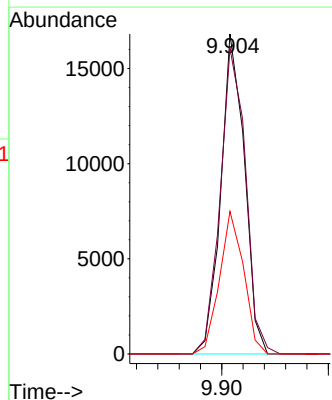
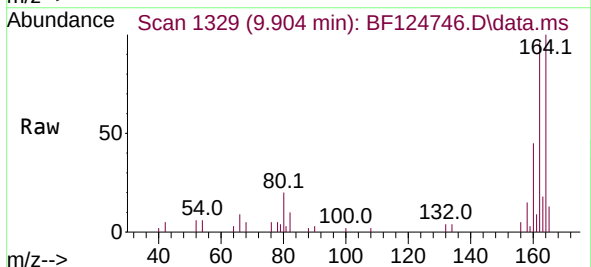
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-2

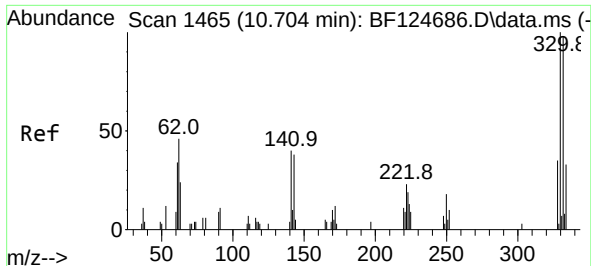
Tgt Ion: 82 Resp: 17387
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF124746.D
Acq: 24 Jul 2021 14:23

Tgt Ion: 164 Resp: 12949
Ion Ratio Lower Upper
164 100
162 95.5 81.3 121.9
160 44.5 38.0 57.0

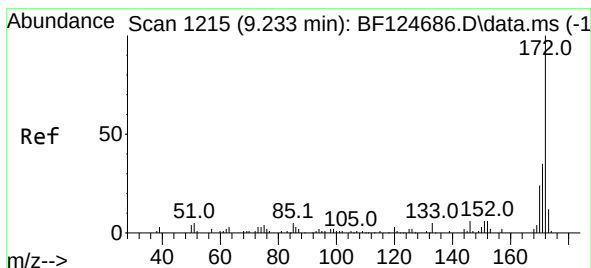
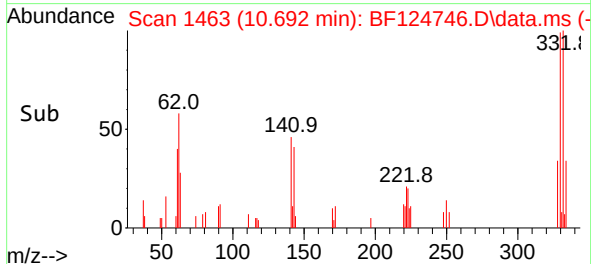
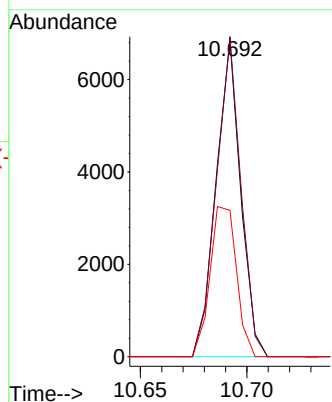
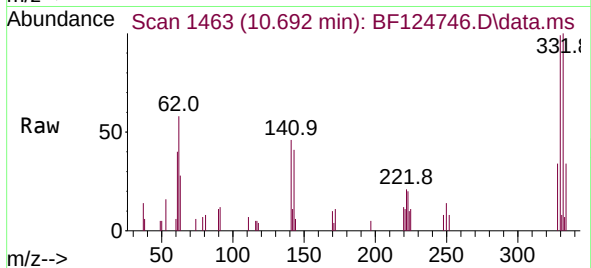




#42
2,4,6-Tribromophenol
Concen: 49.478 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BF124746.D
Acq: 24 Jul 2021 14:23

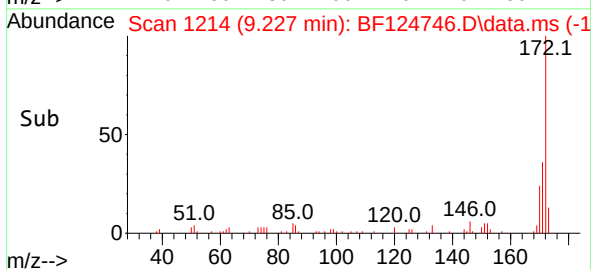
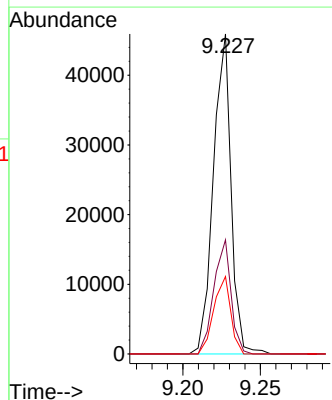
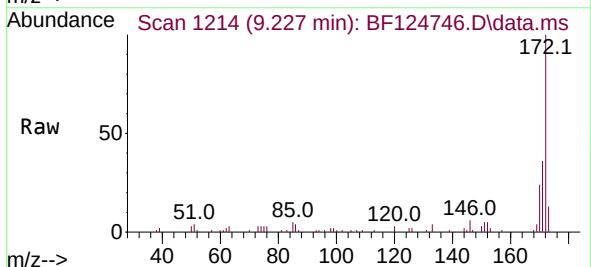
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-2

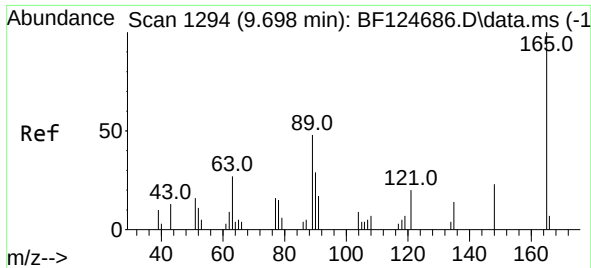
Tgt Ion: 330 Resp: 5501
Ion Ratio Lower Upper
330 100
332 101.0 76.2 114.4
141 51.0 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 41.285 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124746.D
Acq: 24 Jul 2021 14:23

Tgt Ion: 172 Resp: 36398
Ion Ratio Lower Upper
172 100
171 35.7 26.5 39.7
170 24.2 18.8 28.2

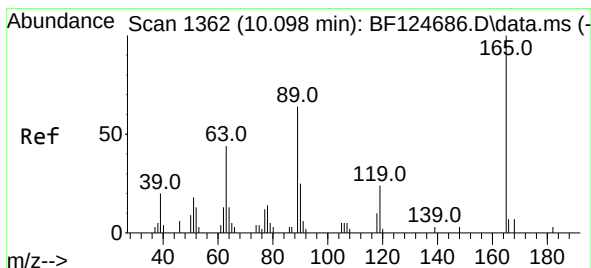
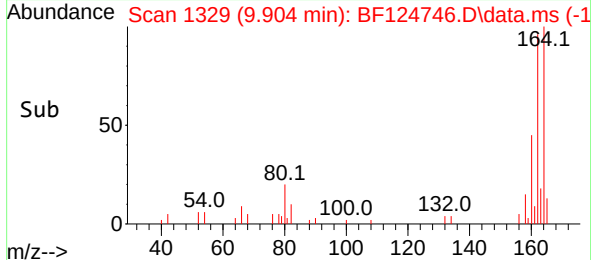
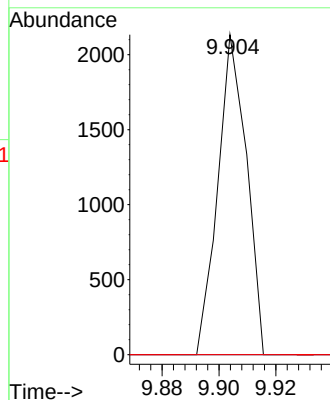
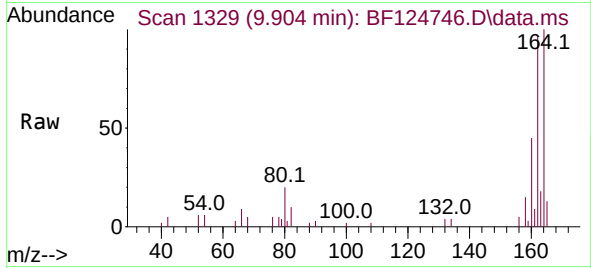




#51
2,6-Dinitrotoluene
Concen: 7.579 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF124746.D
Acq: 24 Jul 2021 14:23

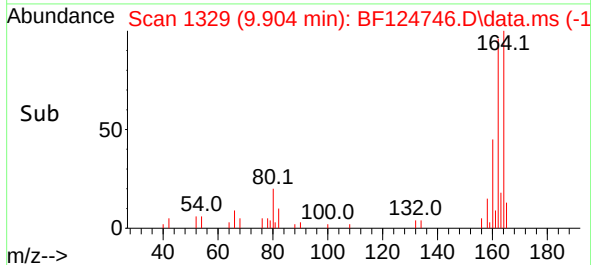
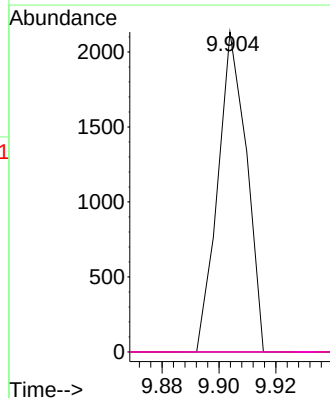
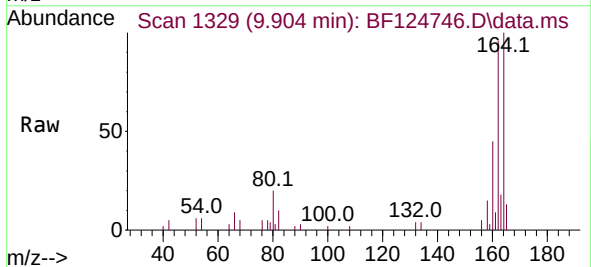
Instrument :
BNA_F
ClientSampled :
NJ-CLEAN-2

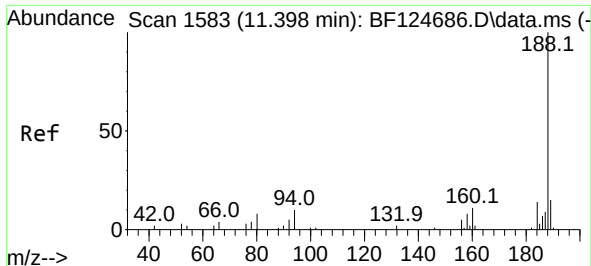
Tgt Ion:165 Resp: 1493
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.585 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF124746.D
Acq: 24 Jul 2021 14:23

Tgt Ion:165 Resp: 1493
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

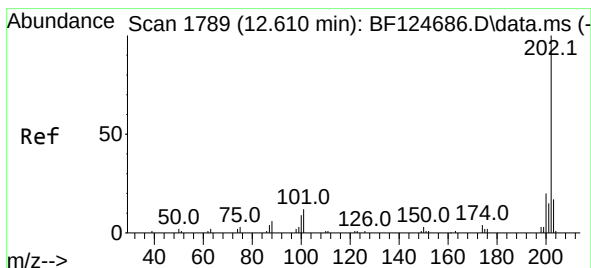
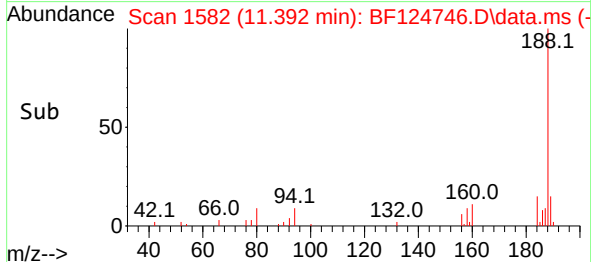
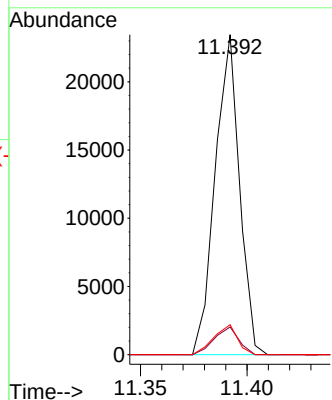
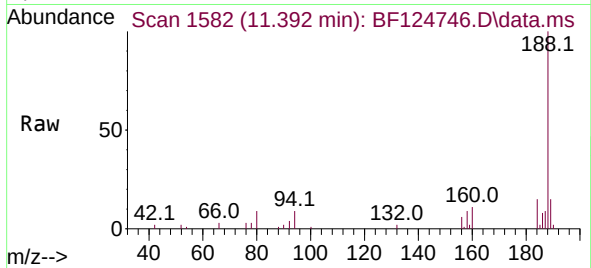




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124746.D
Acq: 24 Jul 2021 14:23

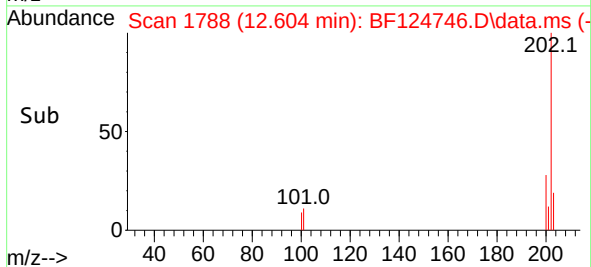
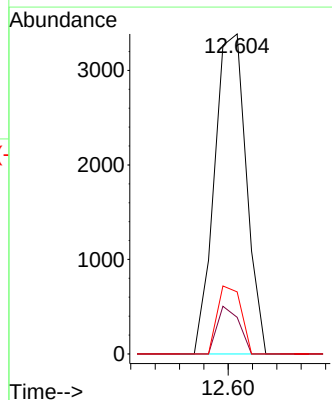
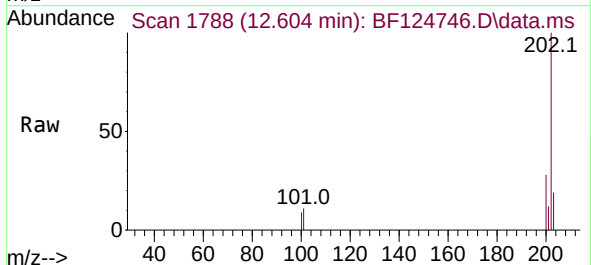
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-2

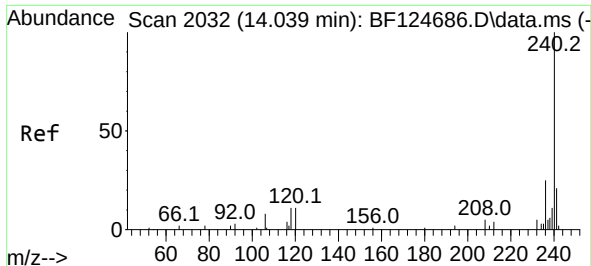
Tgt Ion:188 Resp: 18568
Ion Ratio Lower Upper
188 100
94 8.7 6.7 10.1
80 9.3 7.5 11.3



#75
Fluoranthene
Concen: 3.023 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF124746.D
Acq: 24 Jul 2021 14:23

Tgt Ion:202 Resp: 3081
Ion Ratio Lower Upper
202 100
101 11.5 0.0 30.7
203 19.4 0.0 36.3

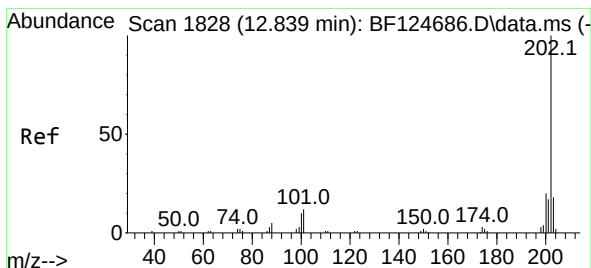
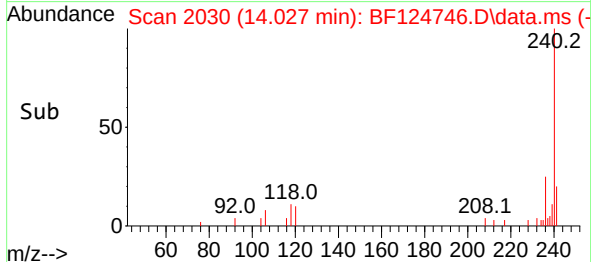
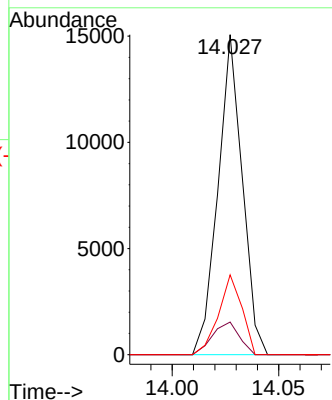
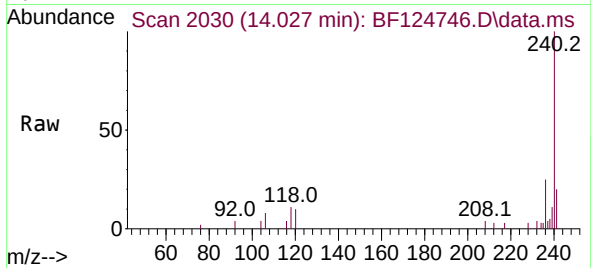




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF124746.D
Acq: 24 Jul 2021 14:23

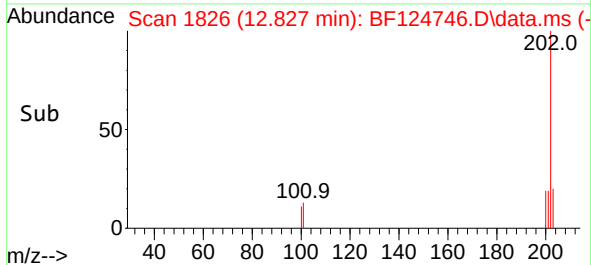
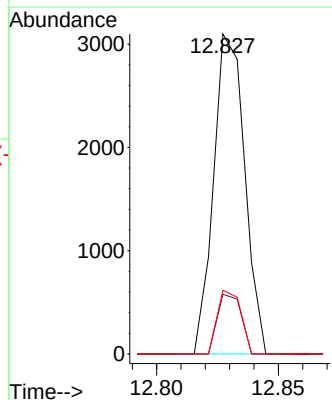
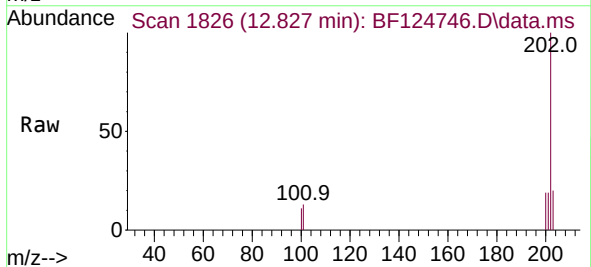
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-2

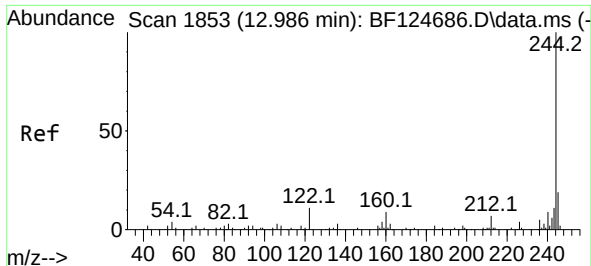
Tgt Ion:240 Resp: 11951
Ion Ratio Lower Upper
240 100
120 10.2 10.8 16.2#
236 25.0 21.6 32.4



#78
Pyrene
Concen: 2.901 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.012 min
Lab File: BF124746.D
Acq: 24 Jul 2021 14:23

Tgt Ion:202 Resp: 2745
Ion Ratio Lower Upper
202 100
200 18.7 15.3 22.9
203 19.9 13.4 20.0

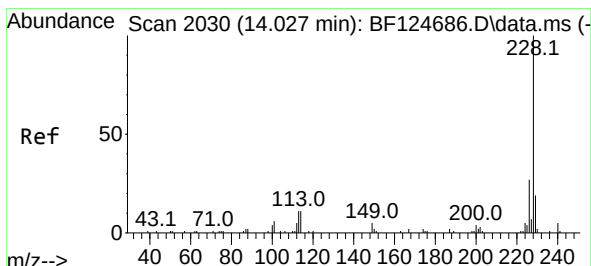
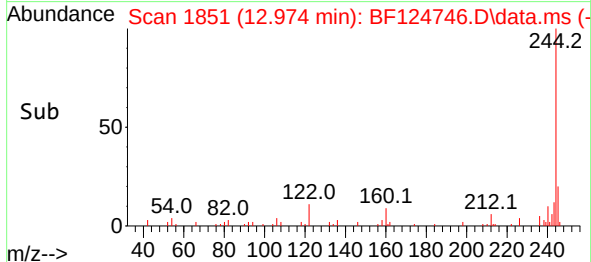
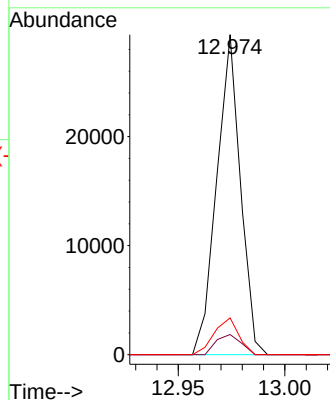
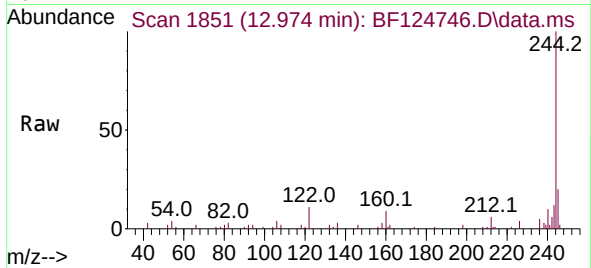




#79
 Terphenyl-d14
 Concen: 32.506 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF124746.D
 Acq: 24 Jul 2021 14:23

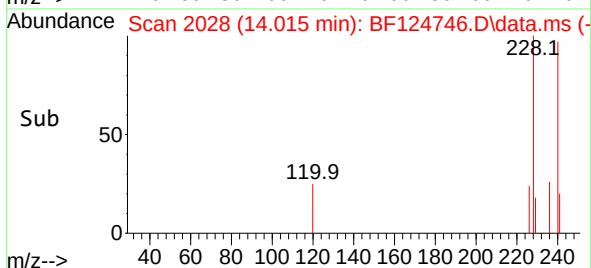
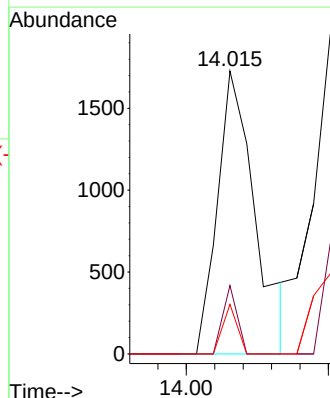
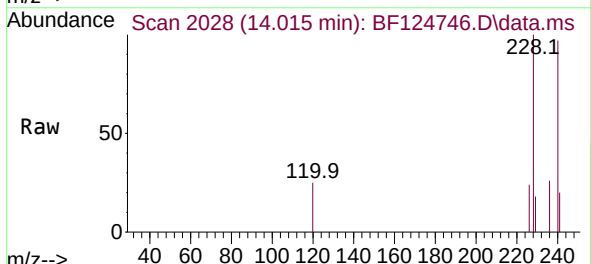
Instrument :
 BNA_F
 ClientSampleId :
 NJ-CLEAN-2

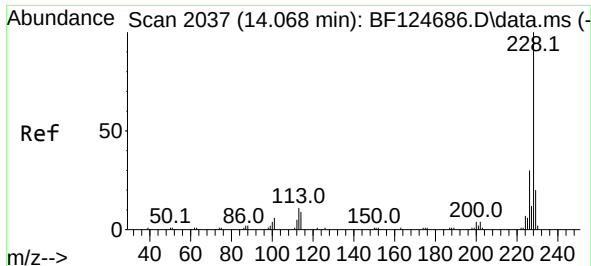
Tgt Ion:244	Resp:	22663
Ion Ratio	Lower	Upper
244	100	
212	6.3	5.9 8.9
122	11.5	9.0 13.4



#81
 Benzo(a)anthracene
 Concen: 2.042 ng
 RT: 14.015 min Scan# 2028
 Delta R.T. -0.012 min
 Lab File: BF124746.D
 Acq: 24 Jul 2021 14:23

Tgt Ion:228	Resp:	1595
Ion Ratio	Lower	Upper
228	100	
226	24.2	21.6 32.4
229	17.5	15.6 23.4

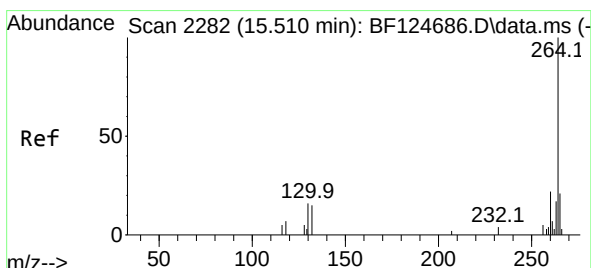
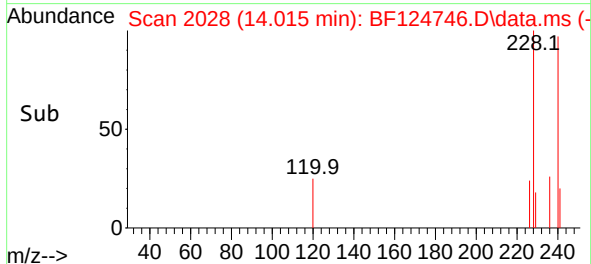
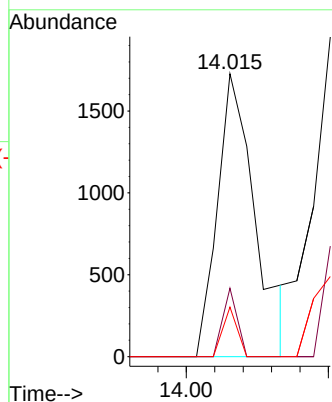
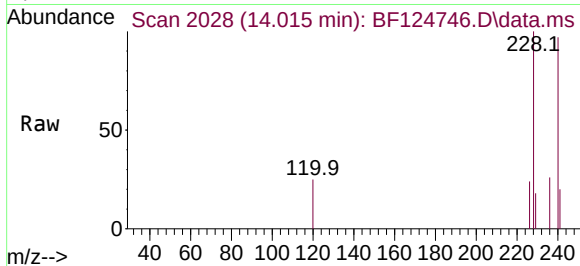




#83
Chrysene
Concen: 2.119 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.053 min
Lab File: BF124746.D
Acq: 24 Jul 2021 14:23

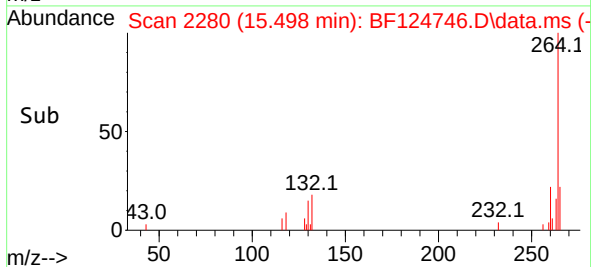
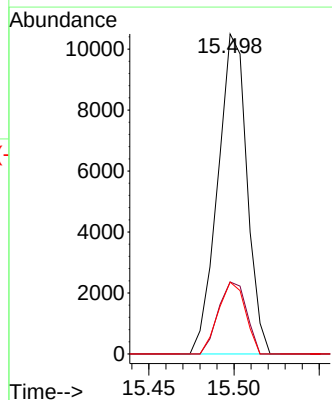
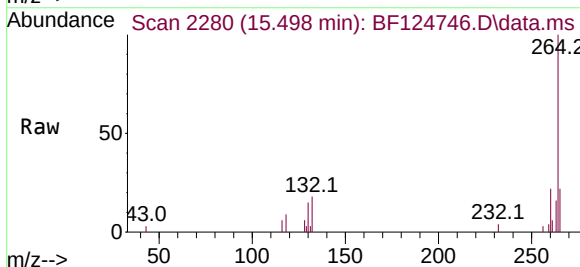
Instrument :
BNA_F
ClientSampled :
NJ-CLEAN-2

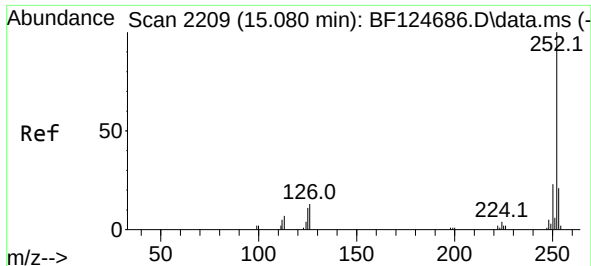
Tgt Ion:228	Resp:	1595
Ion Ratio	Lower	Upper
228	100	
226	24.2	22.6 34.0
229	17.5	15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. -0.012 min
Lab File: BF124746.D
Acq: 24 Jul 2021 14:23

Tgt Ion:264	Resp:	12515
Ion Ratio	Lower	Upper
264	100	
260	22.5	19.6 29.4
265	22.5	17.2 25.8

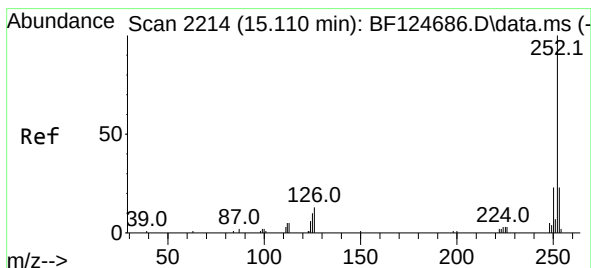
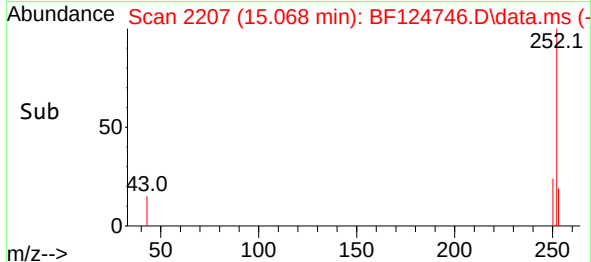
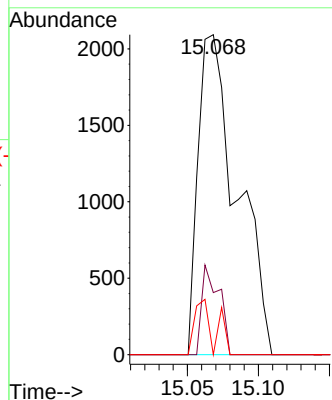
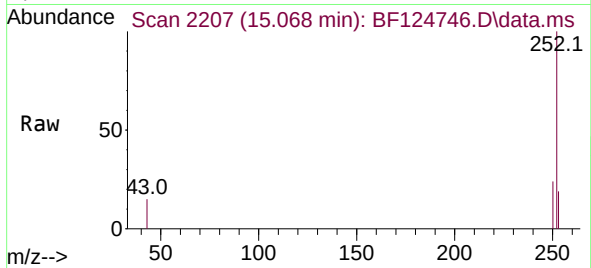




#88
Benzo(b)fluoranthene
Concen: 4.544 ng
RT: 15.068 min Scan# 2207
Delta R.T. -0.012 min
Lab File: BF124746.D
Acq: 24 Jul 2021 14:23

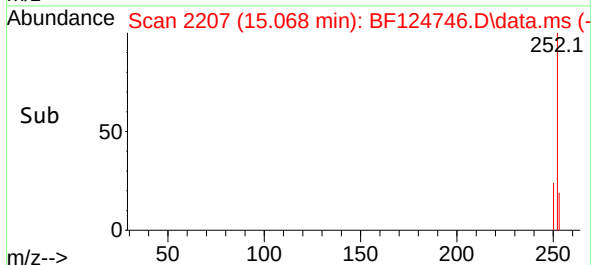
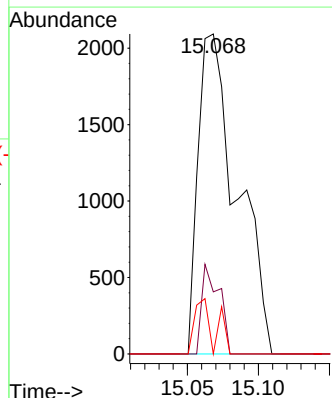
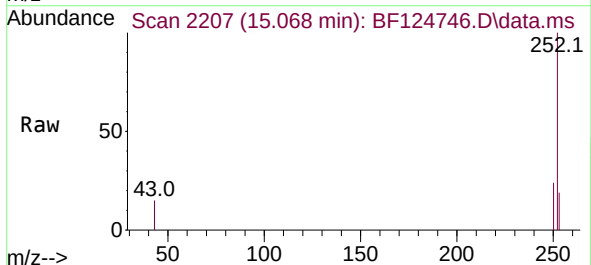
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-2

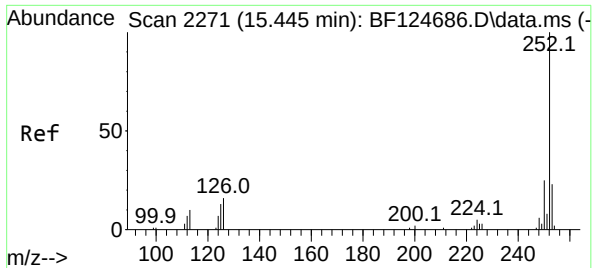
Tgt Ion:252 Resp: 4004
Ion Ratio Lower Upper
252 100
253 19.4 16.8 25.2
125 0.0 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 4.973 ng
RT: 15.068 min Scan# 2207
Delta R.T. -0.041 min
Lab File: BF124746.D
Acq: 24 Jul 2021 14:23

Tgt Ion:252 Resp: 4004
Ion Ratio Lower Upper
252 100
253 19.4 17.8 26.8
125 0.0 7.2 10.8#





#90
 Benzo(a)pyrene
 Concen: 2.142 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.012 min
 Lab File: BF124746.D
 Acq: 24 Jul 2021 14:23

Instrument :
 BNA_F
 ClientSampleId :
 NJ-CLEAN-2

Tgt Ion:252	Resp:	1577
Ion Ratio	Lower	Upper
252	100	
253	27.2	18.4 27.6
125	0.0	9.9 14.9#

