

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121520\
 Data File : BF122735.D
 Acq On : 16 Dec 2020 2:24
 Operator : JU/CG
 Sample : L5102-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LLEXSITUTV-015-001-SO

Quant Time: Dec 16 03:43:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

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

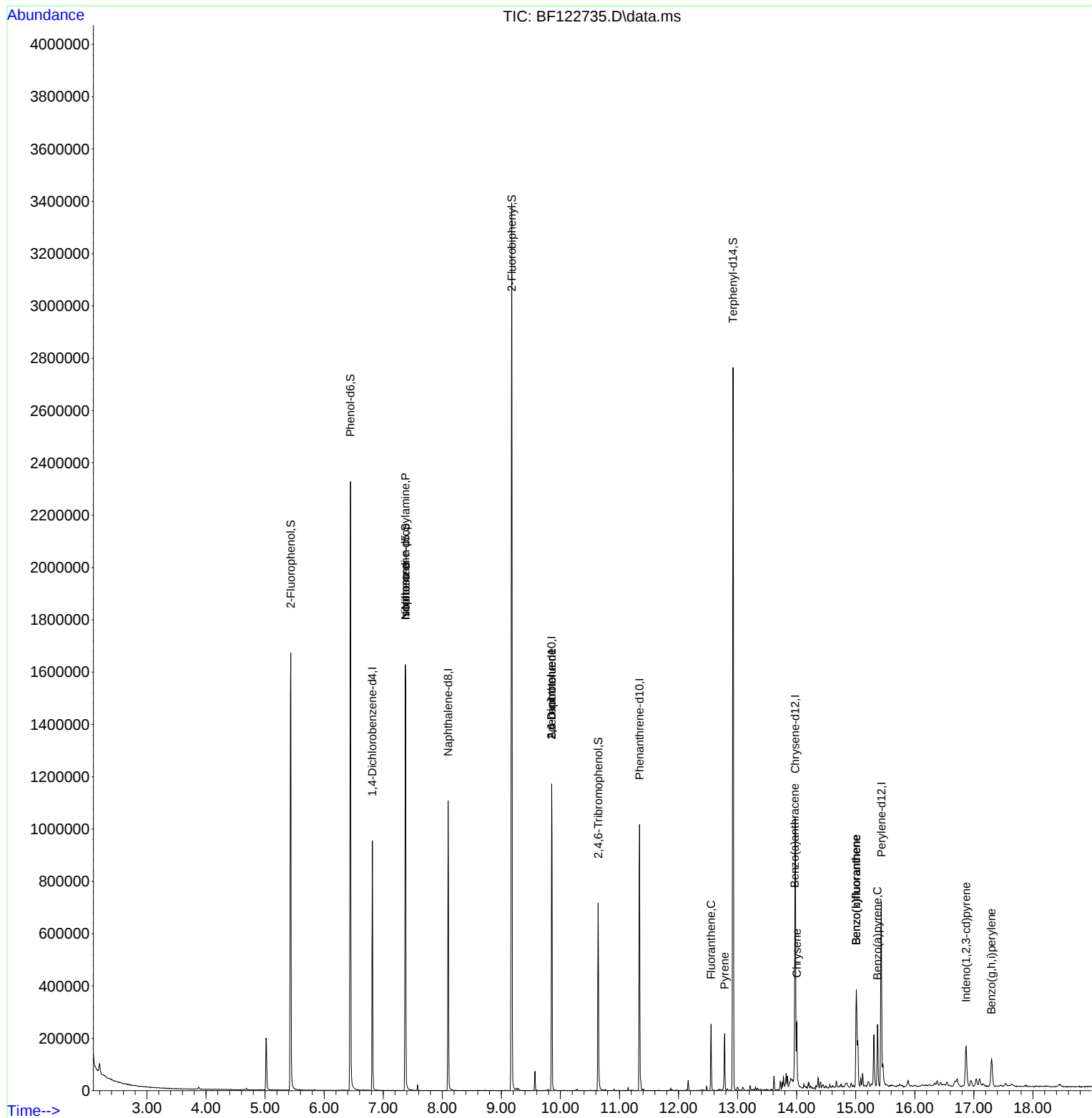
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	136498	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	507012	20.00	ng	-0.01
39) Acenaphthene-d10	9.851	164	238046	20.00	ng	-0.01
64) Phenanthrene-d10	11.339	188	382220	20.00	ng	0.00
76) Chrysene-d12	13.974	240	305423	20.00	ng	-0.01
86) Perylene-d12	15.433	264	321346	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	498110	57.77	ng	0.00
7) Phenol-d6	6.445	99	784969	68.65	ng	-0.01
23) Nitrobenzene-d5	7.375	82	582933	57.60	ng	-0.02
42) 2,4,6-Tribromophenol	10.639	330	93417	29.98	ng	-0.01
45) 2-Fluorobiphenyl	9.175	172	1053827	59.88	ng	-0.01
79) Terphenyl-d14	12.922	244	915627	52.48	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.375	70	76035	11.61	ng	# 77
25) Isophorone	7.375	82	582930	33.45	ng	# 65
51) 2,6-Dinitrotoluene	9.851	165	30637	7.63	ng	# 31
57) 2,4-Dinitrotoluene	9.851	165	30637	5.73	ng	# 25
75) Fluoranthene	12.551	202	98975	4.16	ng	96
78) Pyrene	12.780	202	91129	3.86	ng	97
81) Benzo(a)anthracene	13.969	228	99212	4.86	ng	96
83) Chrysene	14.004	228	105398	5.19	ng	99
87) Indeno(1,2,3-cd)pyrene	16.868	276	103924	4.93	ng	97
88) Benzo(b)fluoranthene	15.010	252	260350	11.55	ng	99
89) Benzo(k)fluoranthene	15.010	252	260350	12.63	ng	99
90) Benzo(a)pyrene	15.368	252	108521	5.50	ng	100
92) Benzo(g,h,i)perylene	17.298	276	88854	5.32	ng	99

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

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-015-001-SO

Quant Time: Dec 16 03:43:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

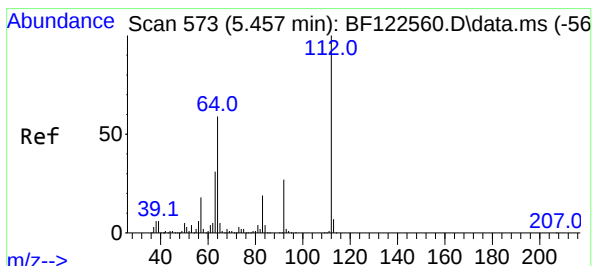
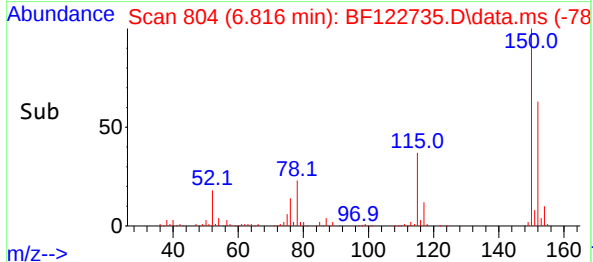
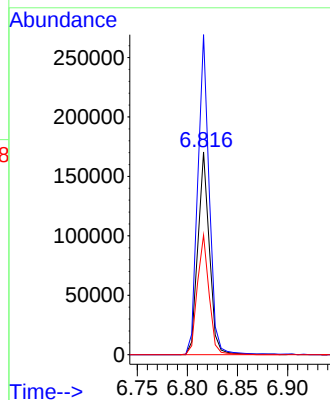
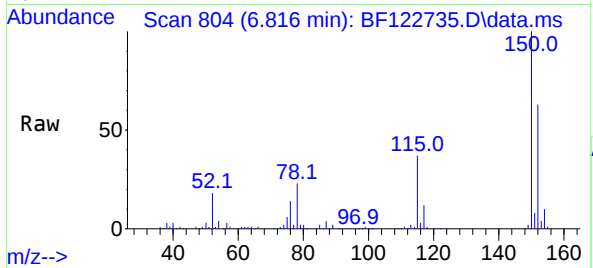




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122735.D
Acq: 16 Dec 2020 2:24

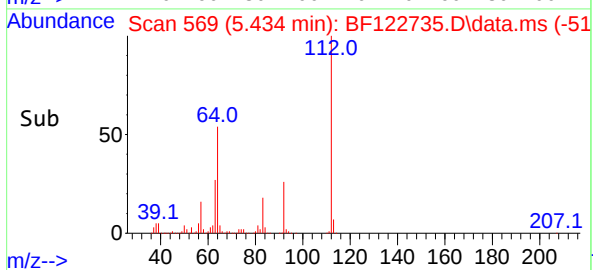
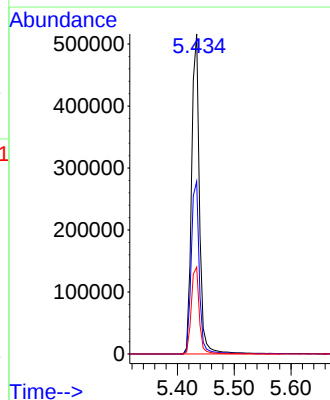
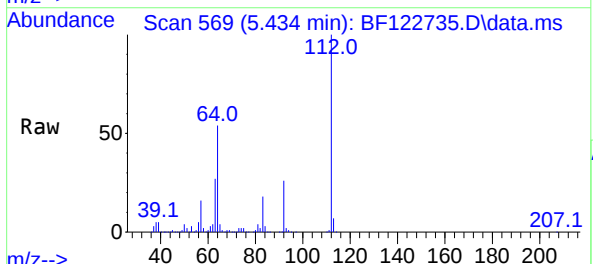
Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-015-001-SO

Tgt Ion:152 Resp: 136498
Ion Ratio Lower Upper
152 100
150 157.8 125.8 188.6
115 59.0 49.3 73.9



#5
2-Fluorophenol
Concen: 57.77 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.000 min
Lab File: BF122735.D
Acq: 16 Dec 2020 2:24

Tgt Ion:112 Resp: 498110
Ion Ratio Lower Upper
112 100
64 53.9 46.9 70.3
63 27.1 24.5 36.7



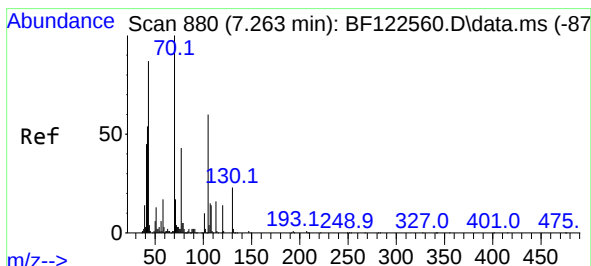
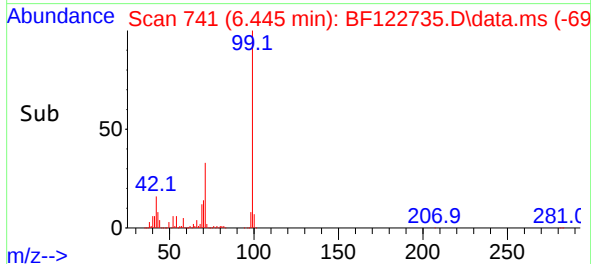
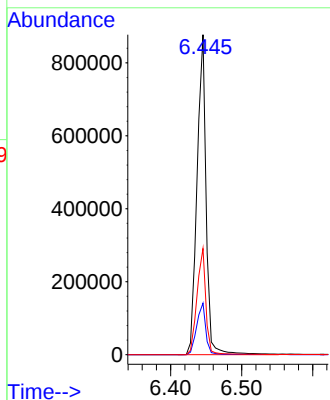
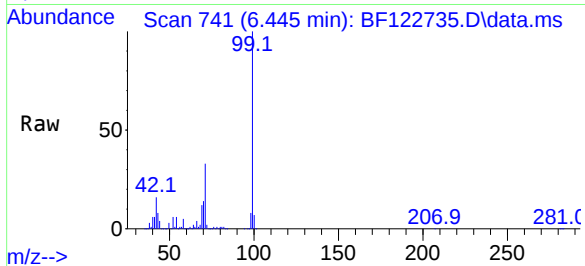


#7
Phenol-d6
Concen: 68.65 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF122735.D
Acq: 16 Dec 2020 2:24

Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-015-001-SO

Tgt Ion: 99 Resp: 784969

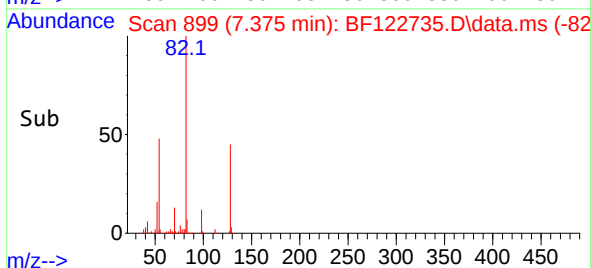
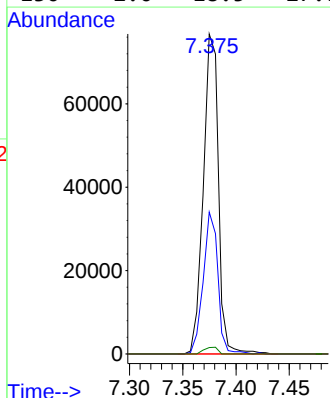
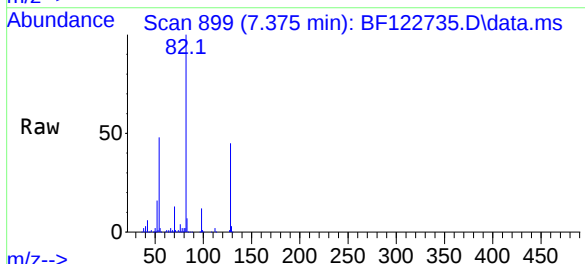
Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.8	20.6
71	33.2	26.9	40.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.61 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.135 min
Lab File: BF122735.D
Acq: 16 Dec 2020 2:24

Tgt Ion: 70 Resp: 76035

Ion	Ratio	Lower	Upper
70	100		
42	44.3	43.0	64.4
101	0.0	7.9	11.9#
130	2.0	18.5	27.7#



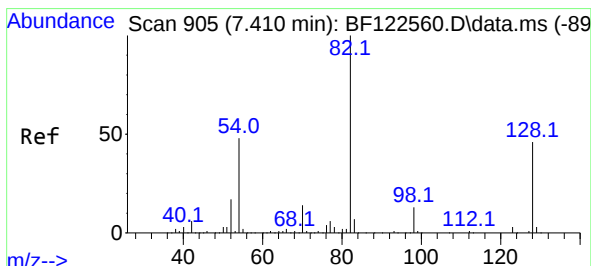
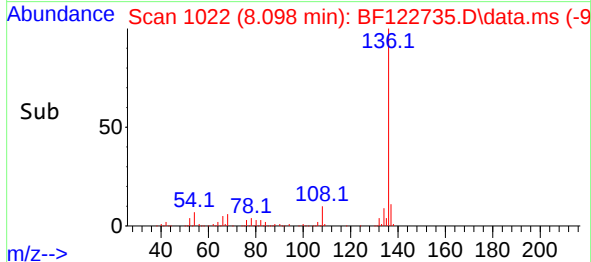
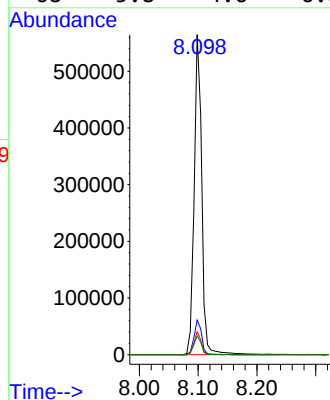
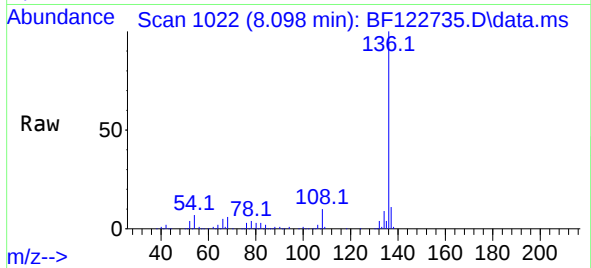


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF122735.D
Acq: 16 Dec 2020 2:24

Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-015-001-SO

Tgt Ion:136 Resp: 507012

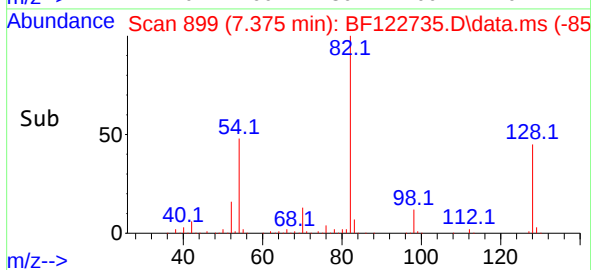
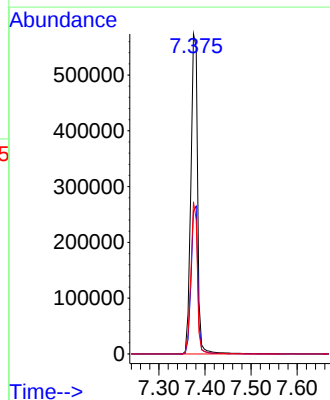
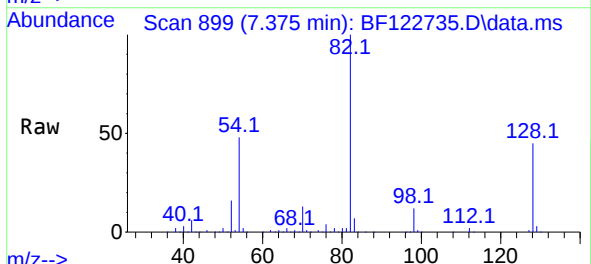
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.2	5.5	8.3
68	5.8	4.6	6.8

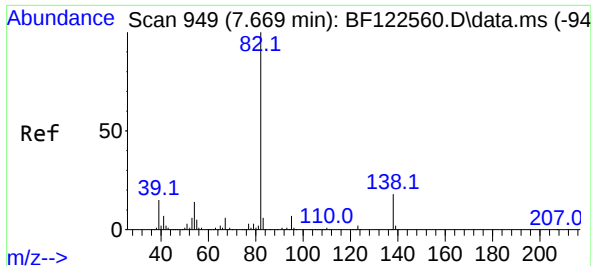


#23
Nitrobenzene-d5
Concen: 57.60 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.018 min
Lab File: BF122735.D
Acq: 16 Dec 2020 2:24

Tgt Ion: 82 Resp: 582933

Ion	Ratio	Lower	Upper
82	100		
128	44.8	37.0	55.4
54	47.6	38.4	57.6

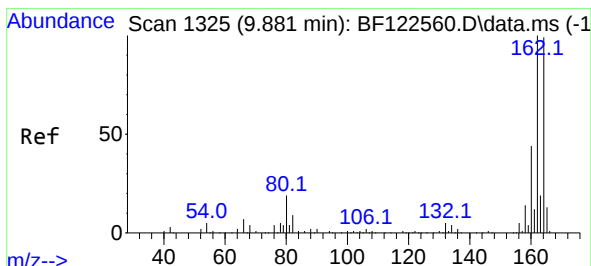
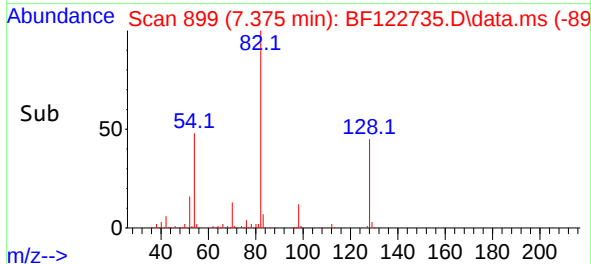
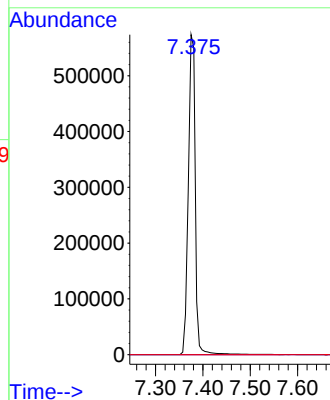
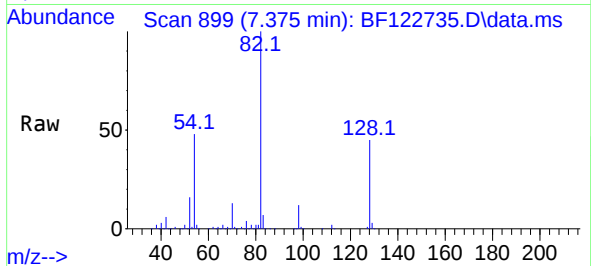




#25
Isophorone
Concen: 33.45 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.271 min
Lab File: BF122735.D
Acq: 16 Dec 2020 2:24

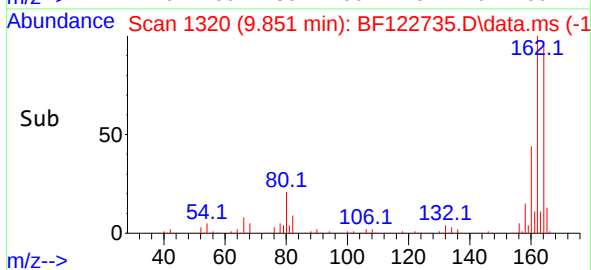
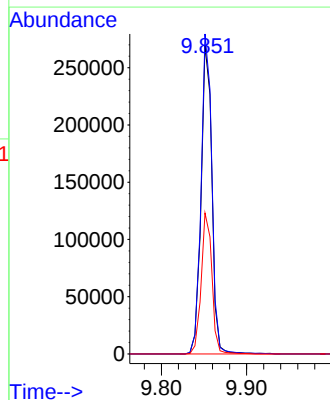
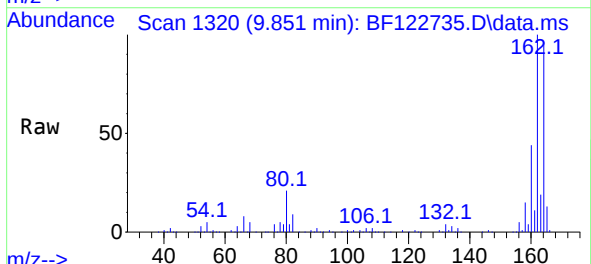
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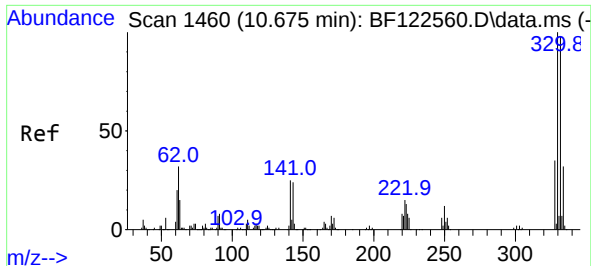
Tgt Ion: 82 Resp: 582930
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF122735.D
Acq: 16 Dec 2020 2:24

Tgt Ion:164 Resp: 238046
Ion Ratio Lower Upper
164 100
162 103.7 80.8 121.2
160 45.7 35.4 53.0

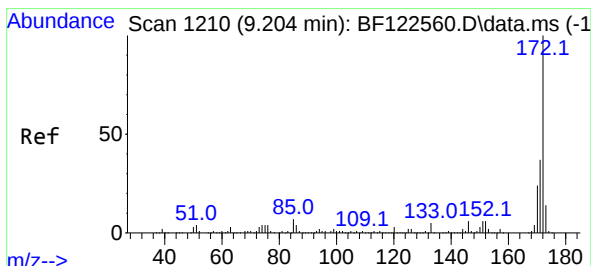
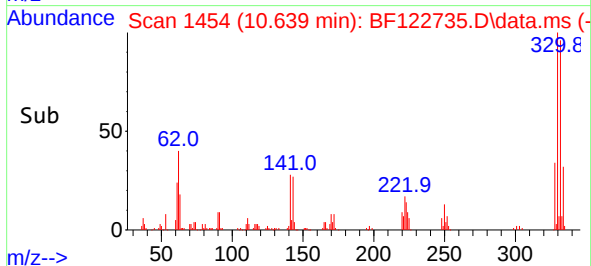
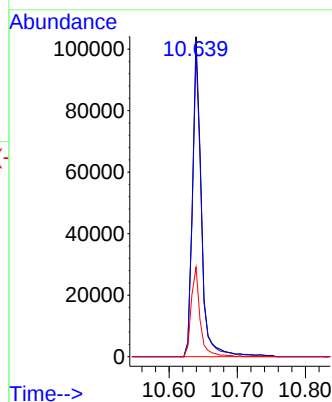
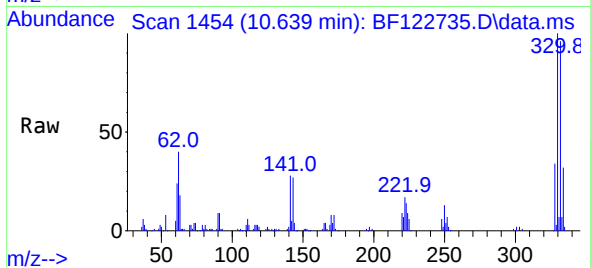




#42
2,4,6-Tribromophenol
Concen: 29.98 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BF122735.D
Acq: 16 Dec 2020 2:24

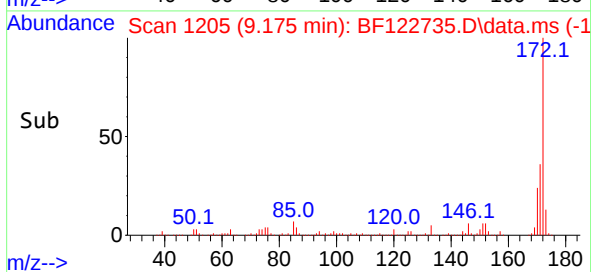
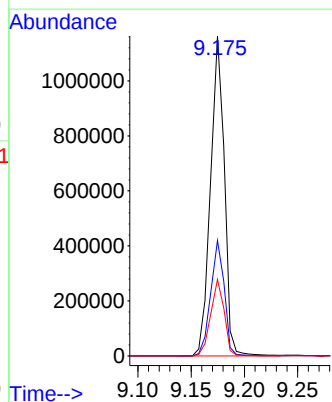
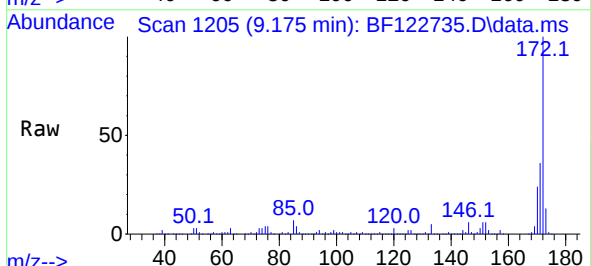
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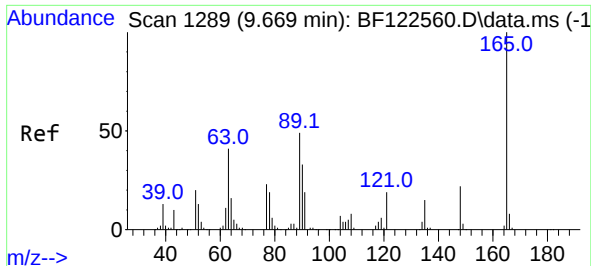
Tgt Ion: 330 Resp: 93417
Ion Ratio Lower Upper
330 100
332 96.1 77.5 116.3
141 28.1 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 59.88 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.012 min
Lab File: BF122735.D
Acq: 16 Dec 2020 2:24

Tgt Ion: 172 Resp: 1053827
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 23.9 19.5 29.3

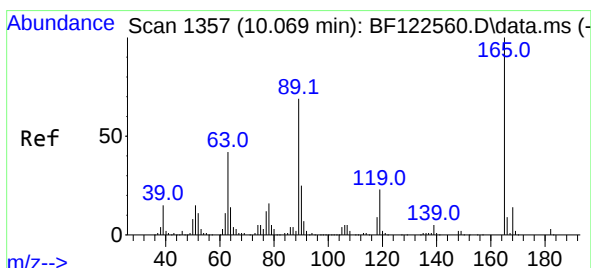
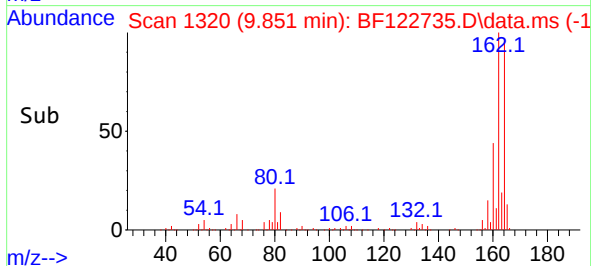
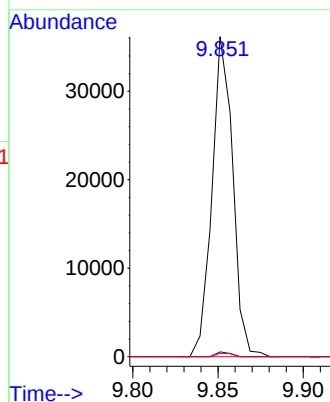
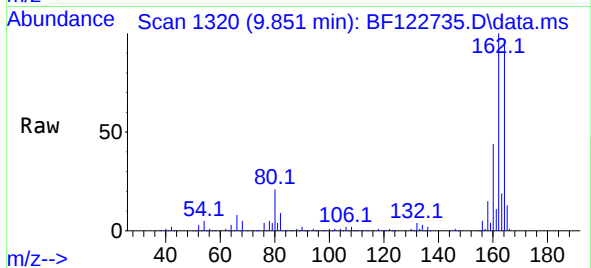




#51
2,6-Dinitrotoluene
Concen: 7.63 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.206 min
Lab File: BF122735.D
Acq: 16 Dec 2020 2:24

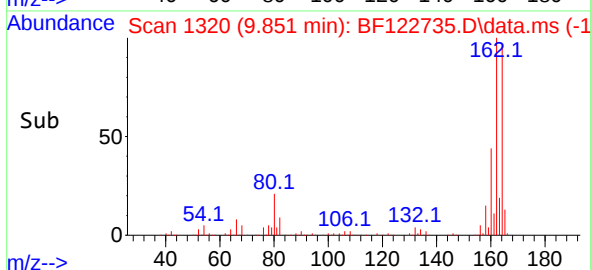
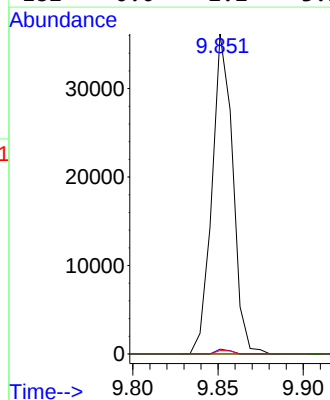
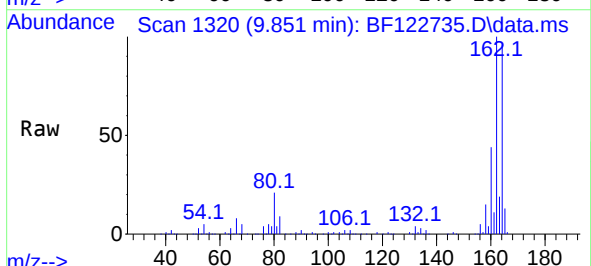
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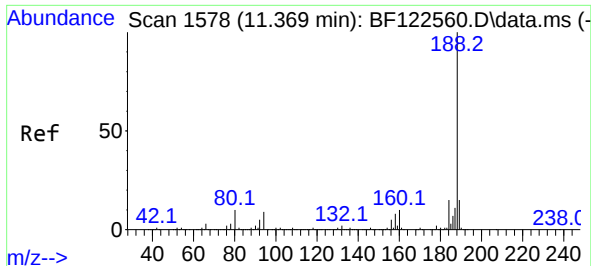
Tgt Ion:165 Resp: 30637
Ion Ratio Lower Upper
165 100
63 1.5 36.6 55.0#
89 1.1 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.73 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.200 min
Lab File: BF122735.D
Acq: 16 Dec 2020 2:24

Tgt Ion:165 Resp: 30637
Ion Ratio Lower Upper
165 100
63 1.5 34.3 51.5#
89 1.1 55.2 82.8#
182 0.0 2.2 3.2#

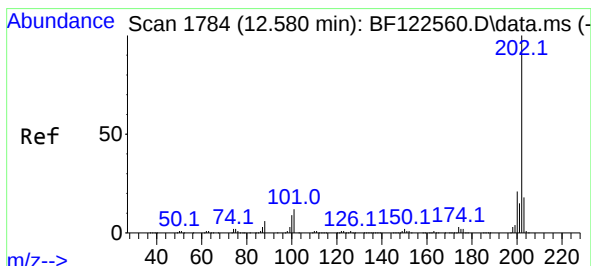
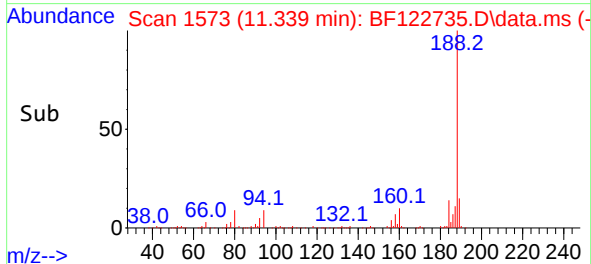
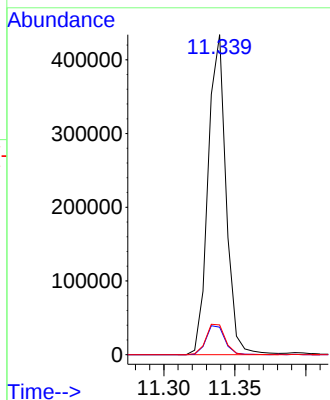
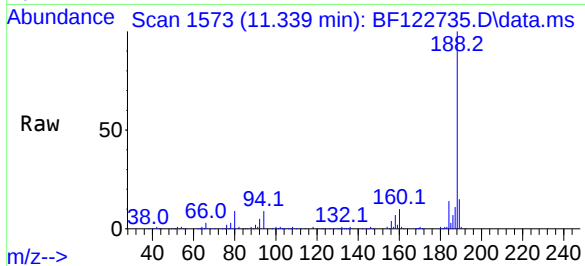




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122735.D
Acq: 16 Dec 2020 2:24

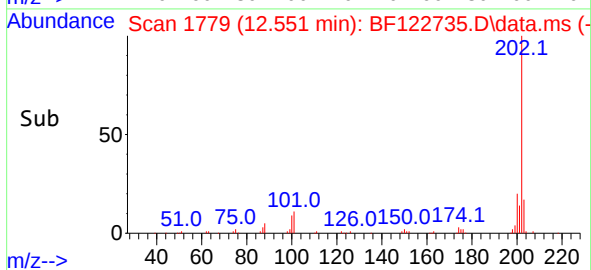
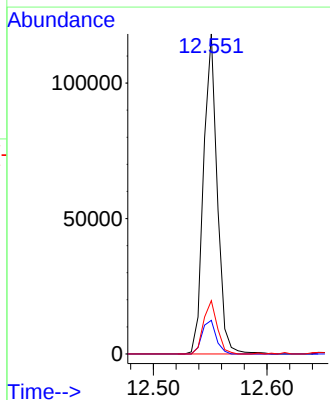
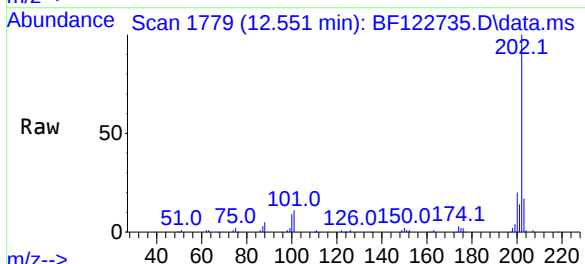
Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-015-001-SO

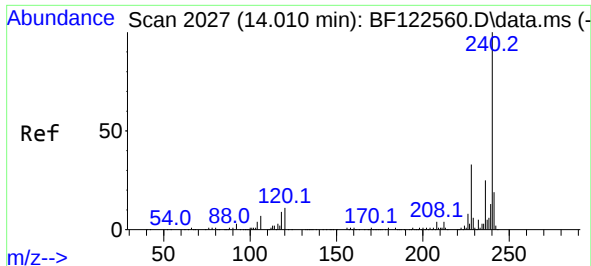
Tgt Ion:188 Resp: 382220
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 9.3 8.2 12.4



#75
Fluoranthene
Concen: 4.16 ng
RT: 12.551 min Scan# 1779
Delta R.T. -0.006 min
Lab File: BF122735.D
Acq: 16 Dec 2020 2:24

Tgt Ion:202 Resp: 98975
Ion Ratio Lower Upper
202 100
101 10.5 0.0 32.2
203 16.6 0.0 38.1

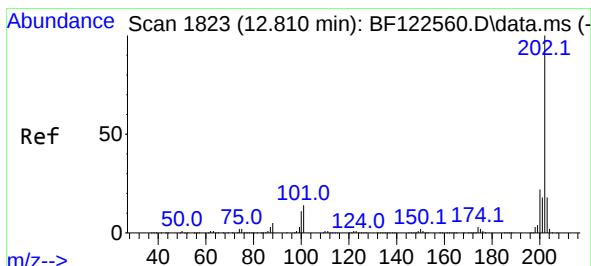
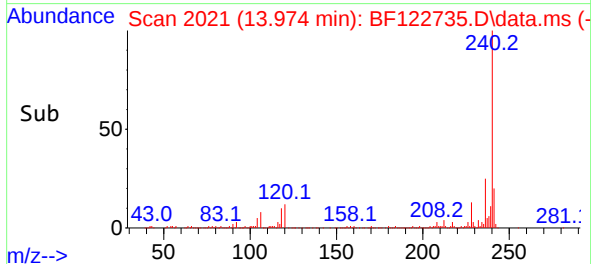
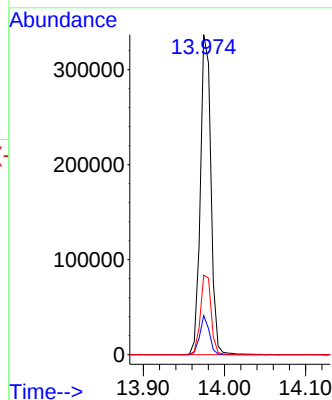
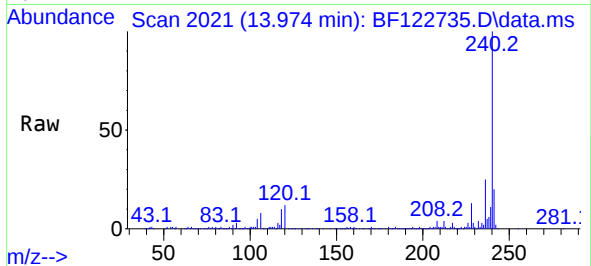




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF122735.D
Acq: 16 Dec 2020 2:24

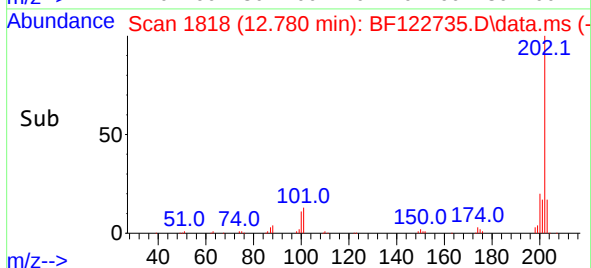
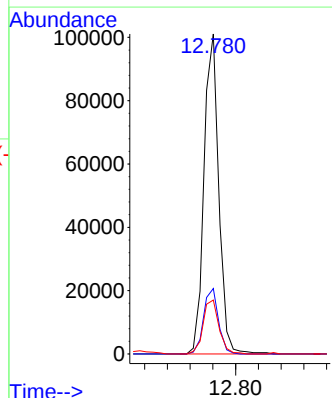
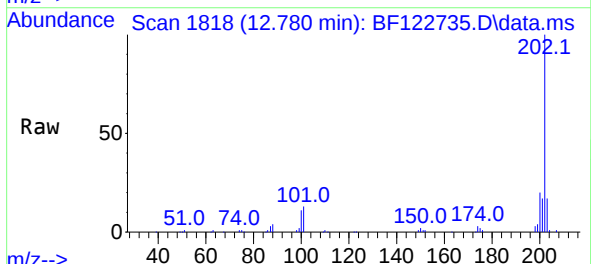
Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-015-001-SO

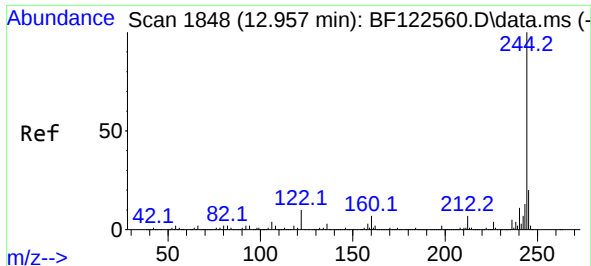
Tgt Ion:240 Resp: 305423
Ion Ratio Lower Upper
240 100
120 12.2 8.6 12.8
236 24.8 20.3 30.5



#78
Pyrene
Concen: 3.86 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF122735.D
Acq: 16 Dec 2020 2:24

Tgt Ion:202 Resp: 91129
Ion Ratio Lower Upper
202 100
200 20.5 17.6 26.4
203 16.9 14.6 21.8

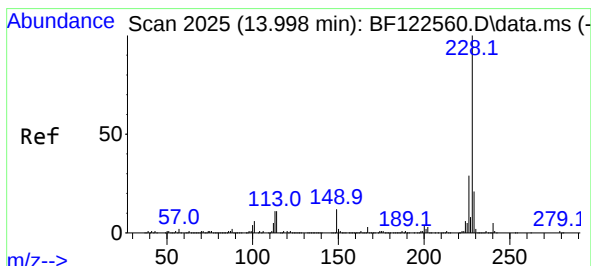
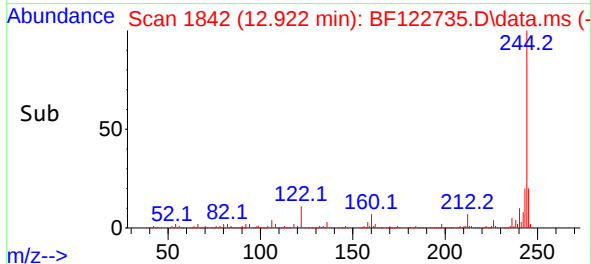
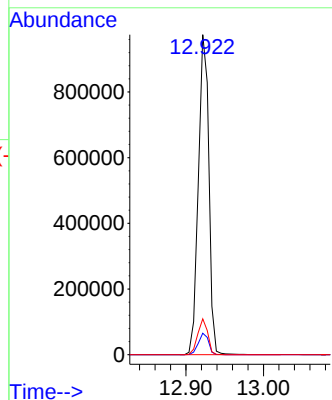
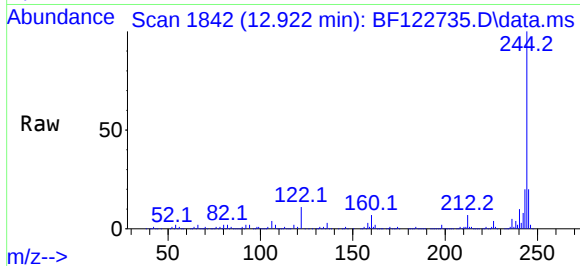




#79
Terphenyl-d14
Concen: 52.48 ng
RT: 12.922 min Scan# 1842
Delta R.T. -0.012 min
Lab File: BF122735.D
Acq: 16 Dec 2020 2:24

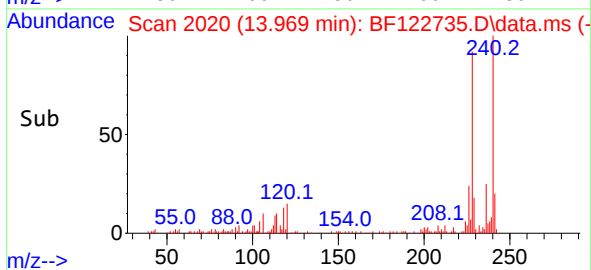
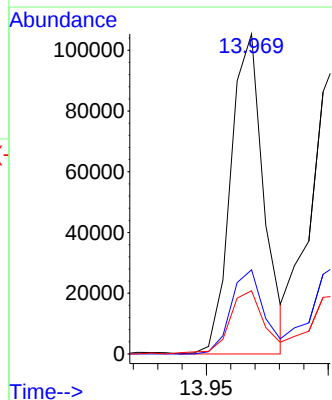
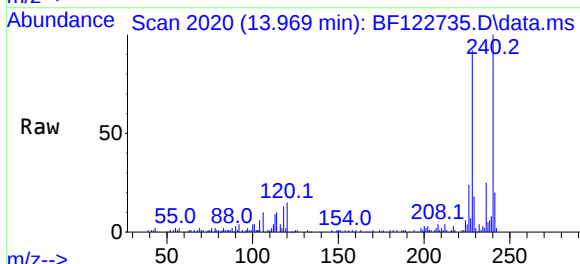
Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-015-001-SO

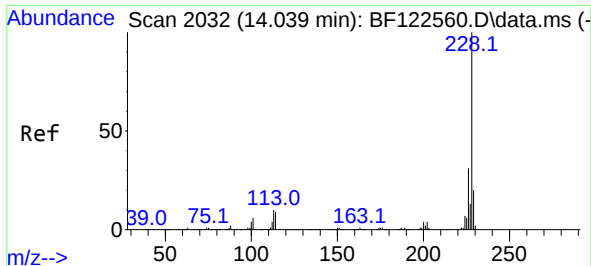
Tgt Ion:244 Resp: 915627
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 11.2 8.3 12.5



#81
Benzo(a)anthracene
Concen: 4.86 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF122735.D
Acq: 16 Dec 2020 2:24

Tgt Ion:228 Resp: 99212
Ion Ratio Lower Upper
228 100
226 26.3 23.0 34.4
229 19.7 16.6 24.8

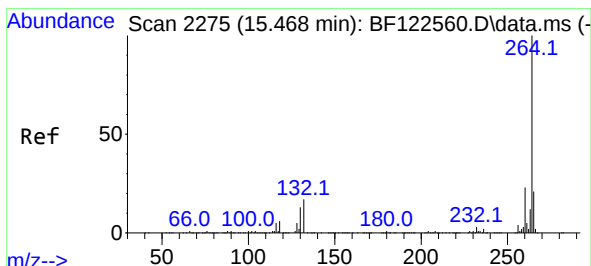
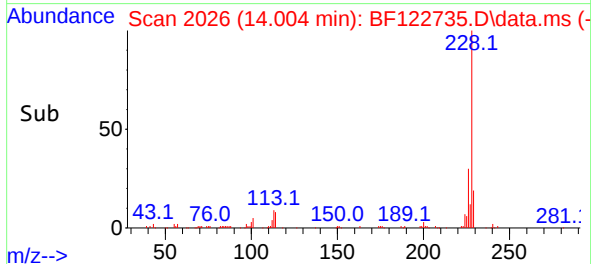
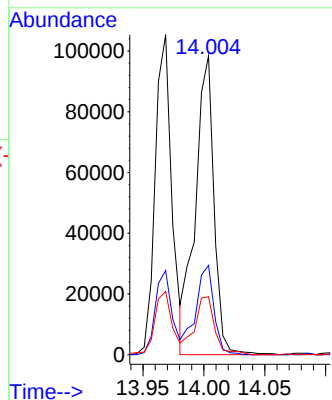
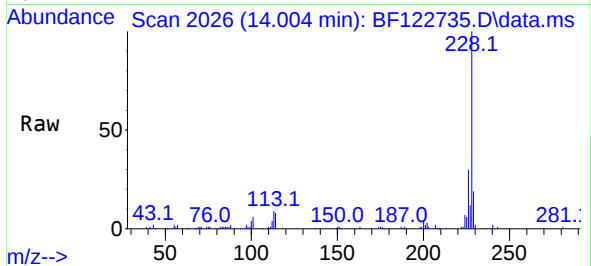




#83
Chrysene
Concen: 5.19 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BF122735.D
Acq: 16 Dec 2020 2:24

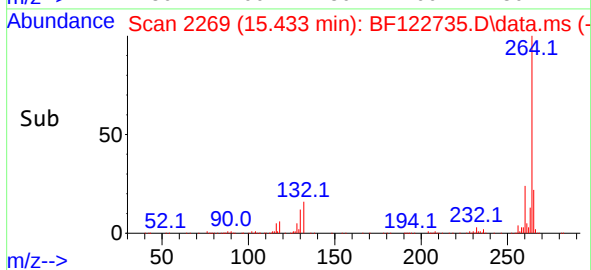
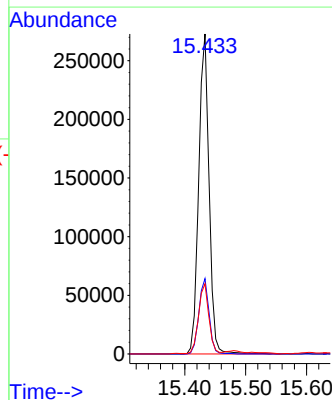
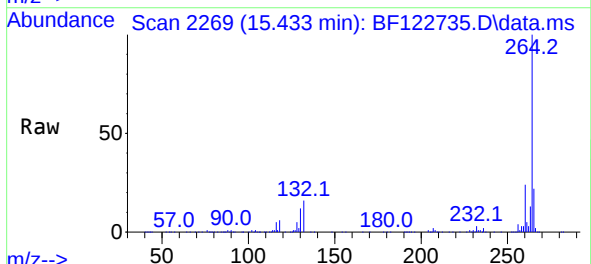
Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-015-001-SO

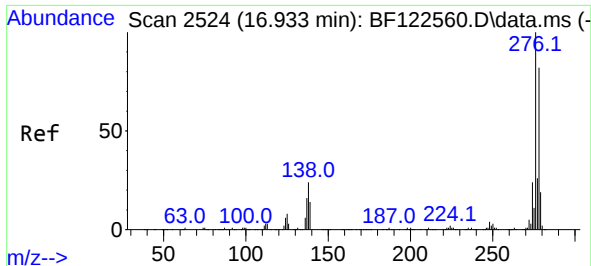
Tgt Ion:228	Resp: 105398
Ion Ratio	Lower Upper
228 100	
226 29.8	24.6 36.8
229 19.4	15.8 23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF122735.D
Acq: 16 Dec 2020 2:24

Tgt Ion:264	Resp: 321346
Ion Ratio	Lower Upper
264 100	
260 23.6	18.6 28.0
265 22.0	17.0 25.6



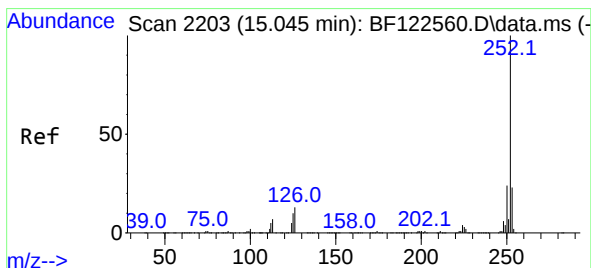
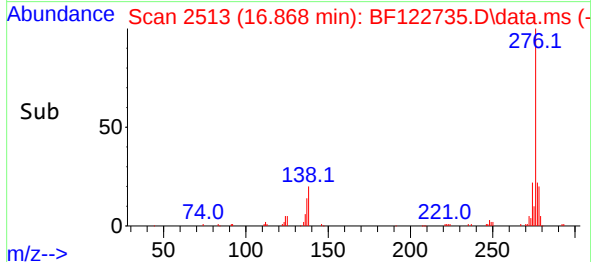
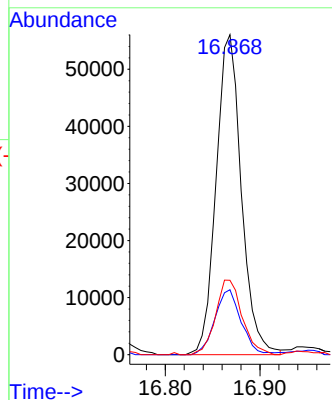
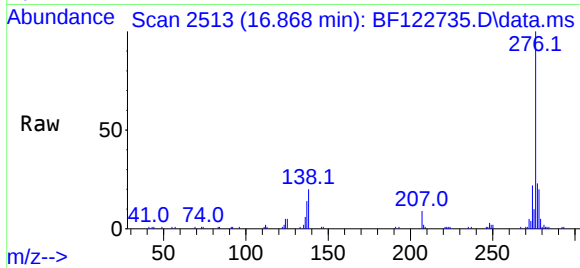


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.93 ng
RT: 16.868 min Scan# 2513
Delta R.T. -0.024 min
Lab File: BF122735.D
Acq: 16 Dec 2020 2:24

Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-015-001-SO

Tgt Ion:276 Resp: 103924

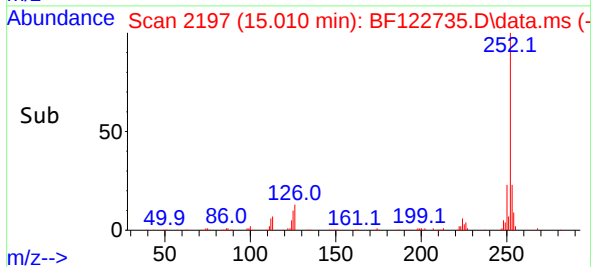
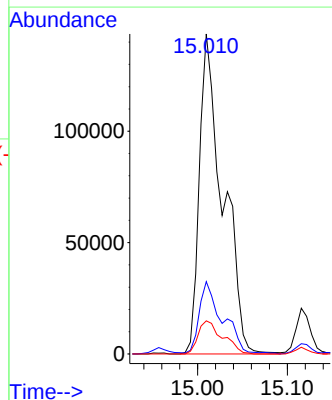
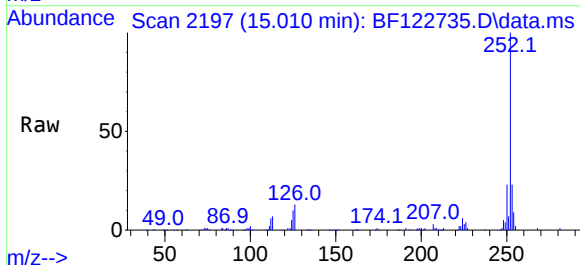
Ion	Ratio	Lower	Upper
276	100		
138	21.1	18.7	28.1
277	24.5	20.2	30.4

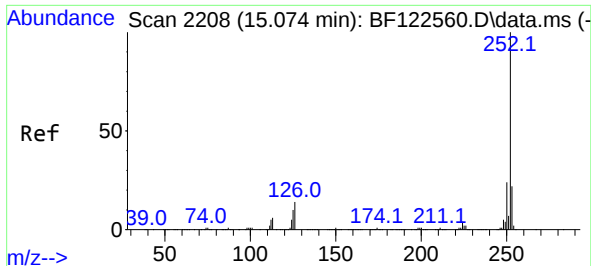


#88
Benzo(b)fluoranthene
Concen: 11.55 ng
RT: 15.010 min Scan# 2197
Delta R.T. -0.012 min
Lab File: BF122735.D
Acq: 16 Dec 2020 2:24

Tgt Ion:252 Resp: 260350

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.3	27.5
125	10.4	8.1	12.1





#89

Benzo(k)fluoranthene

Concen: 12.63 ng

RT: 15.010 min Scan# 2197

Delta R.T. -0.041 min

Lab File: BF122735.D

Acq: 16 Dec 2020 2:24

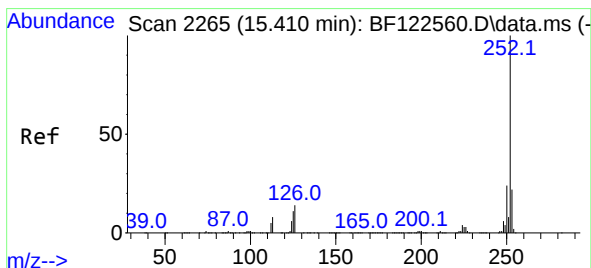
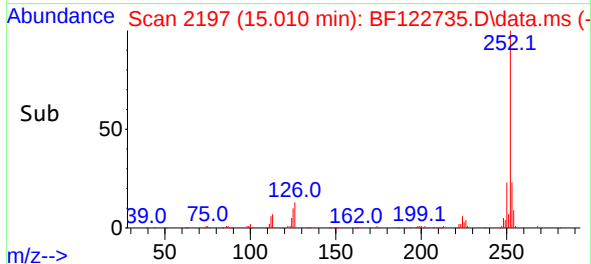
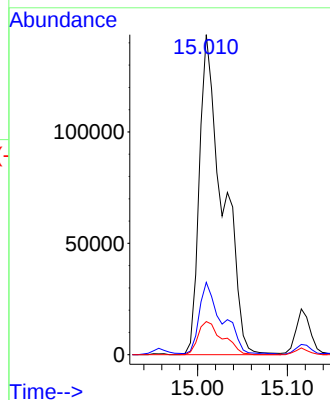
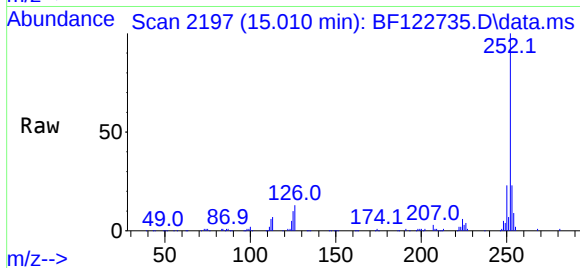
Tgt Ion:252 Resp: 260350

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

125 10.4 8.4 12.6



#90

Benzo(a)pyrene

Concen: 5.50 ng

RT: 15.368 min Scan# 2258

Delta R.T. -0.012 min

Lab File: BF122735.D

Acq: 16 Dec 2020 2:24

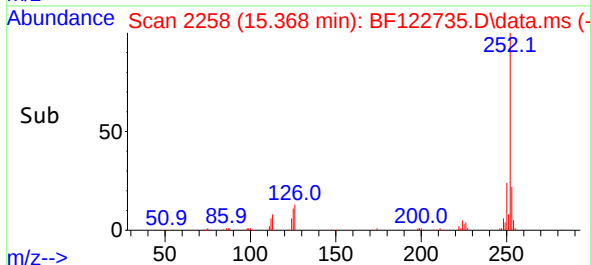
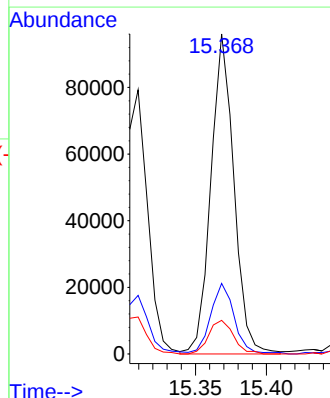
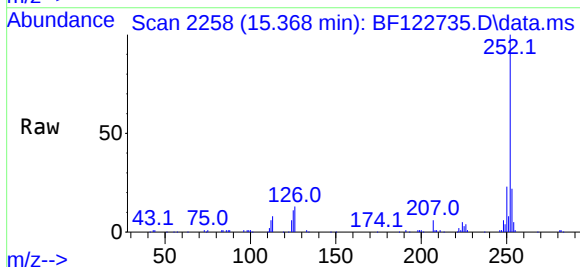
Tgt Ion:252 Resp: 108521

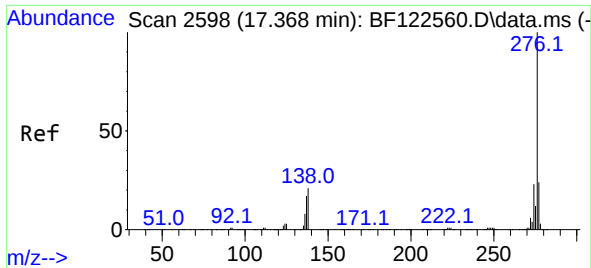
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 10.5 8.6 12.8





#92
Benzo(g,h,i)perylene
Concen: 5.32 ng
RT: 17.298 min Scan# 2586
Delta R.T. -0.029 min
Lab File: BF122735.D
Acq: 16 Dec 2020 2:24

Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-015-001-SO

Tgt Ion:	276	Resp:	88854
Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.3	28.9
138	20.4	16.6	24.8

