

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

Manual Integrations
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mohammad
 12/17/2020 9:53:49 AM

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
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	194951m	8.65	ng	
89) Benzo(k)fluoranthene	15.033	252	63131m	3.06	ng	
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

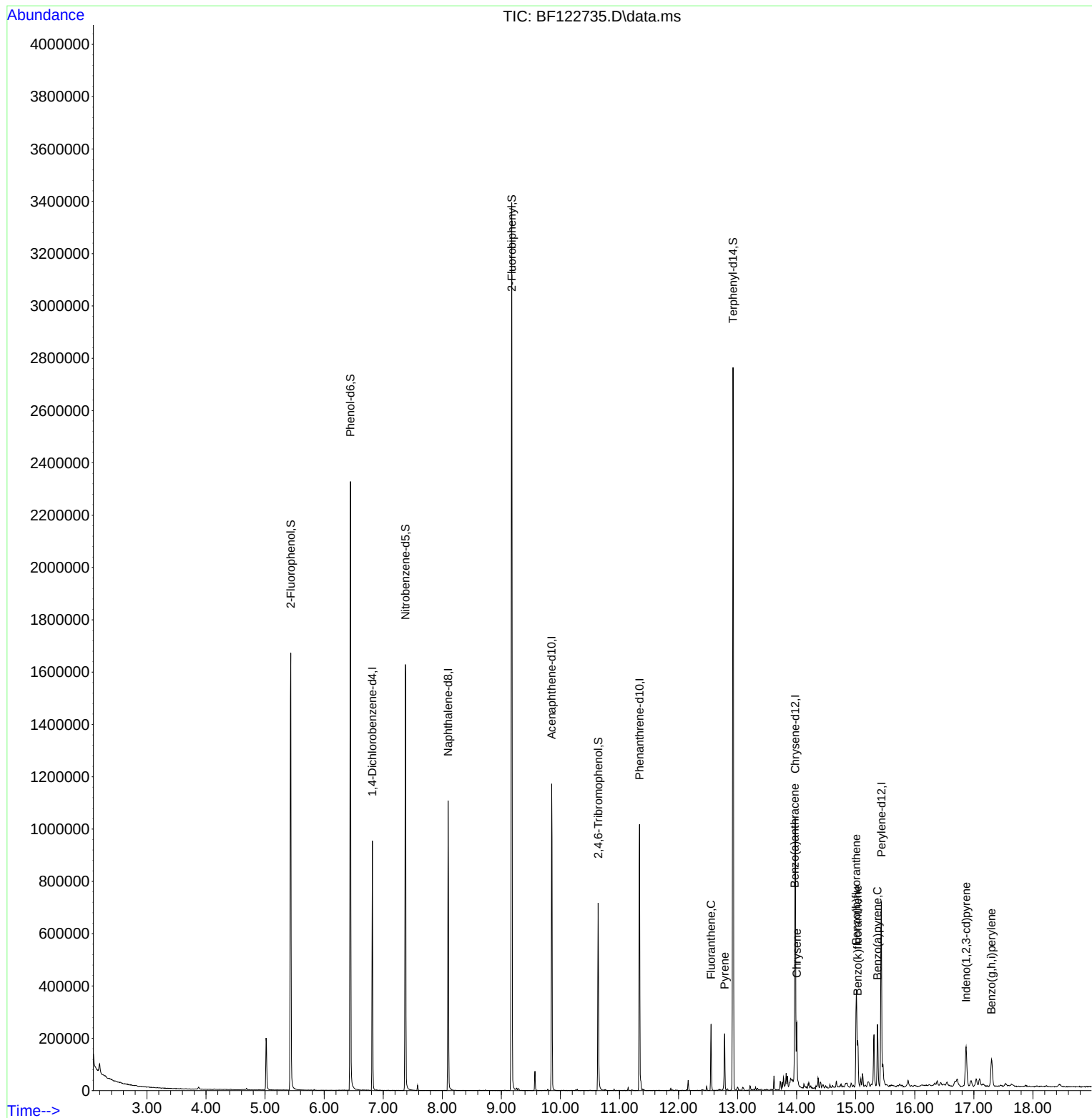
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Data File : BF122735.D
Acq On : 16 Dec 2020 2:24
Operator : JU/CG
Sample : L5102-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

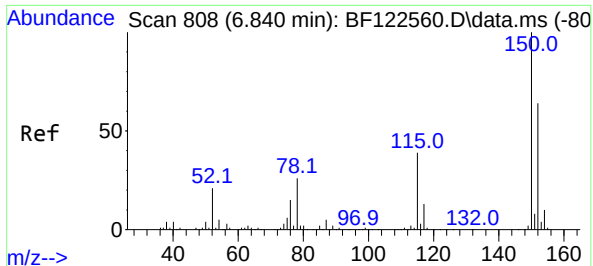
Instrument :
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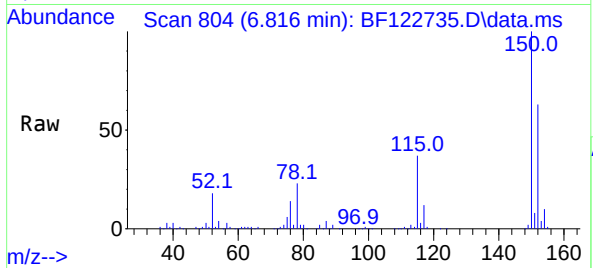
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

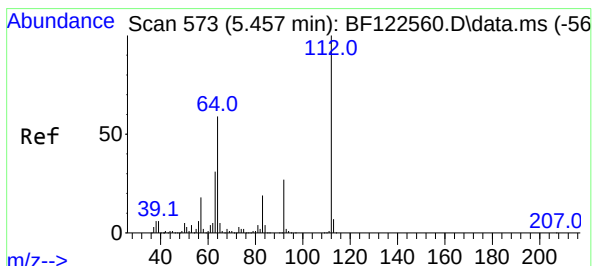
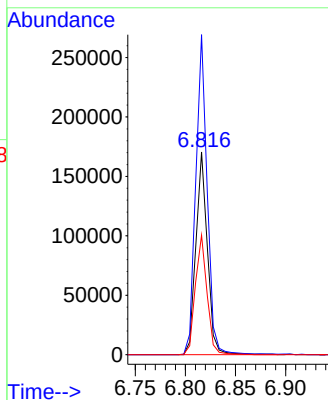
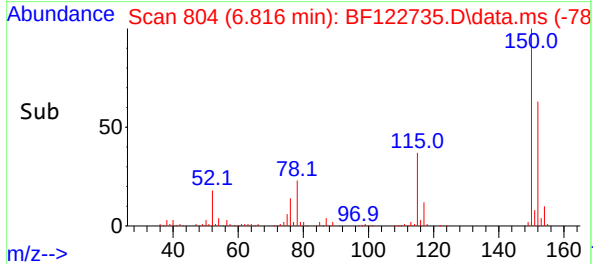




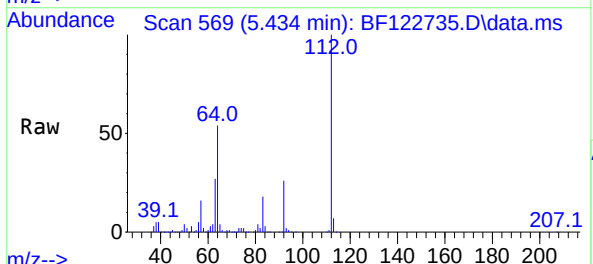
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122735.D
Acq: 16 Dec 2020 2:24



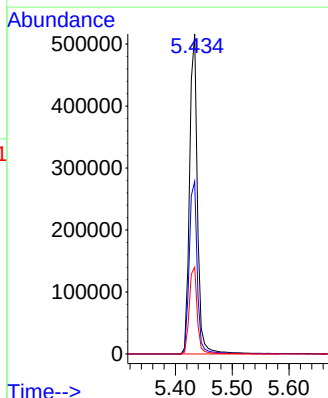
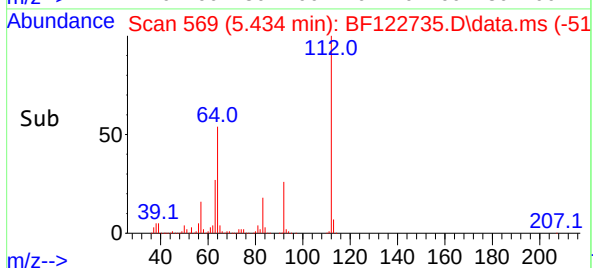
Tgt Ion:152 Resp: 136498
Ion Ratio Lower Upper
152 100
150 157.8 125.8 188.6
115 59.0 49.3 73.9



#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



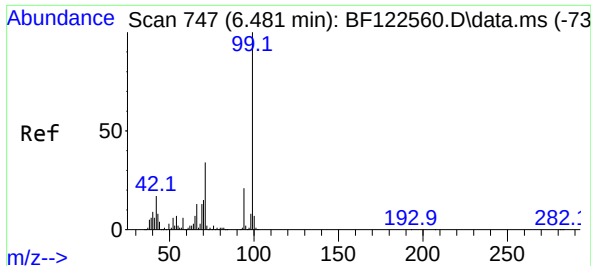
Tgt Ion:112 Resp: 498110
Ion Ratio Lower Upper
112 100
64 53.9 46.9 70.3
63 27.1 24.5 36.7



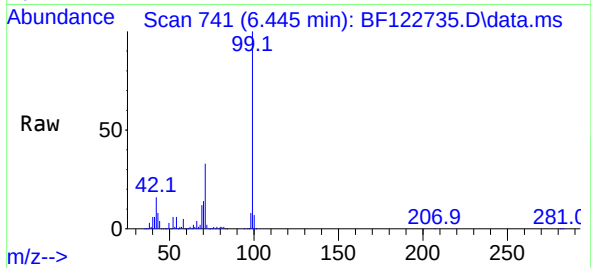
Instrument :
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ClientSampleId :
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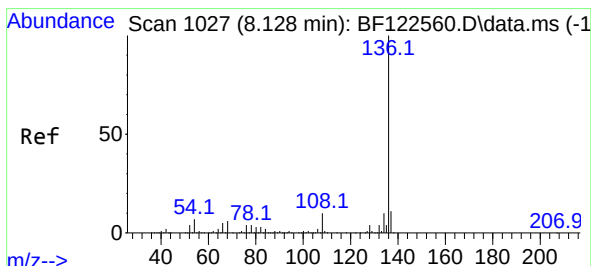
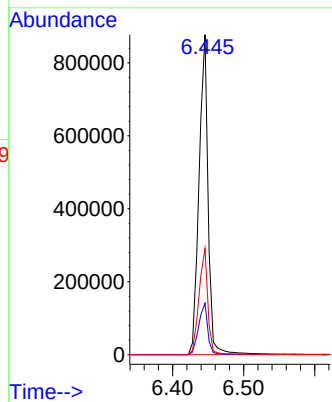
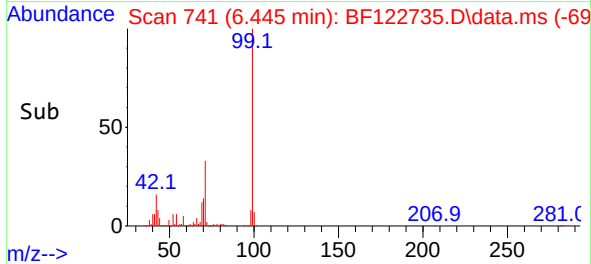
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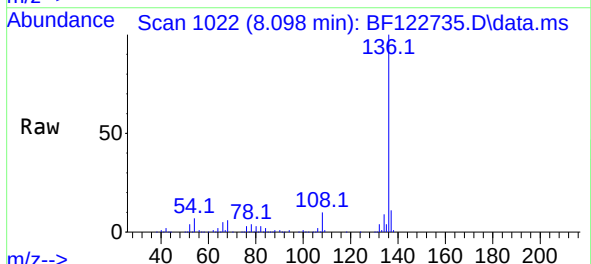
#7
Phenol-d6
Concen: 68.65 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF122735.D
Acq: 16 Dec 2020 2:24



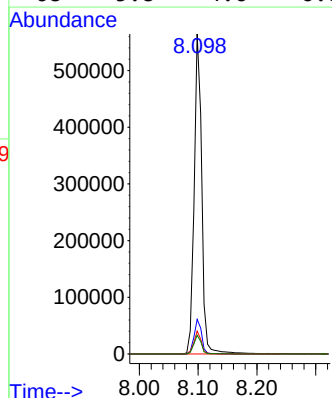
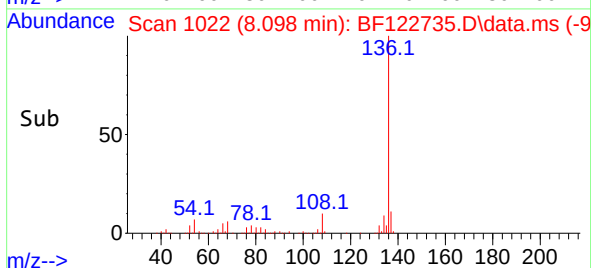
Tgt Ion: 99 Resp: 784969
Ion Ratio Lower Upper
99 100
42 16.1 13.8 20.6
71 33.2 26.9 40.3



#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



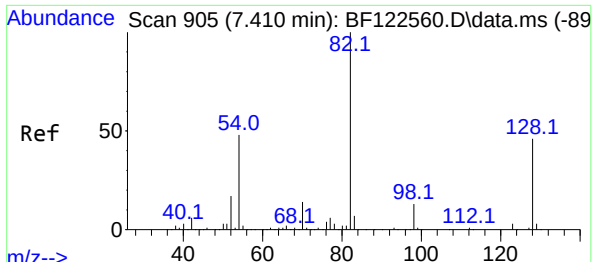
Tgt Ion: 136 Resp: 507012
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.2 5.5 8.3
68 5.8 4.6 6.8



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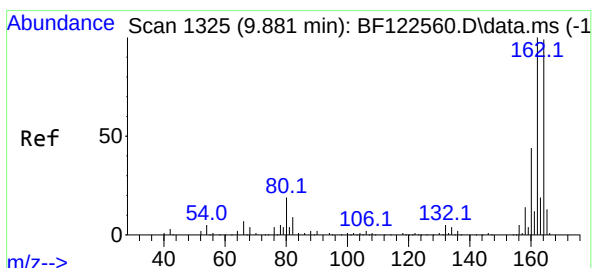
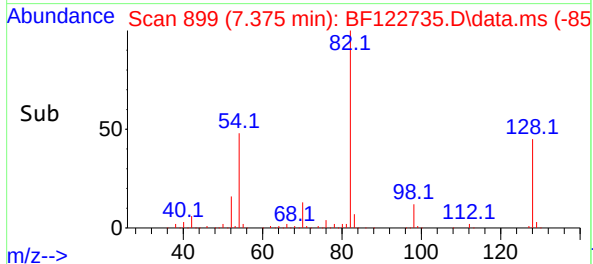
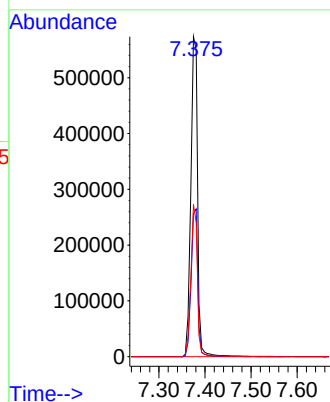
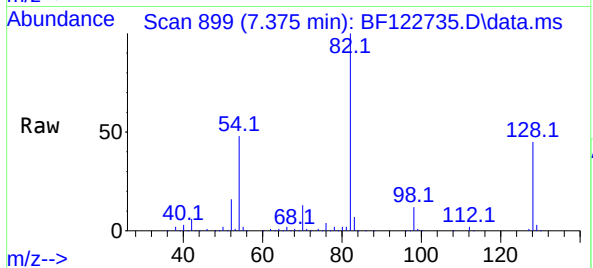
#23
Nitrobenzene-d5
Concen: 57.60 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.018 min
Lab File: BF122735.D
Acq: 16 Dec 2020 2:24

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

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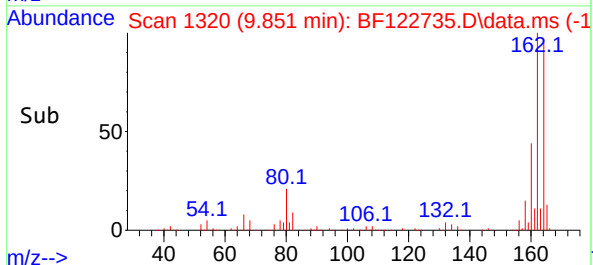
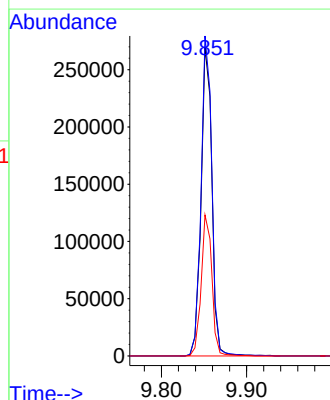
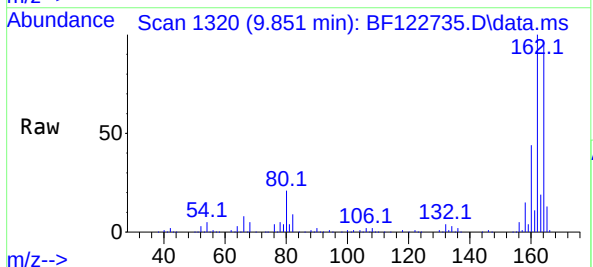
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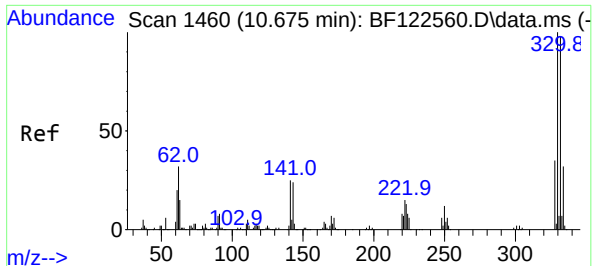
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF122735.D
Acq: 16 Dec 2020 2:24

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





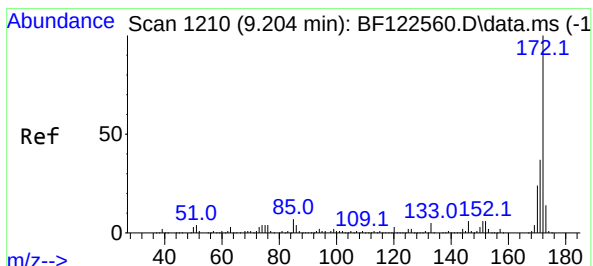
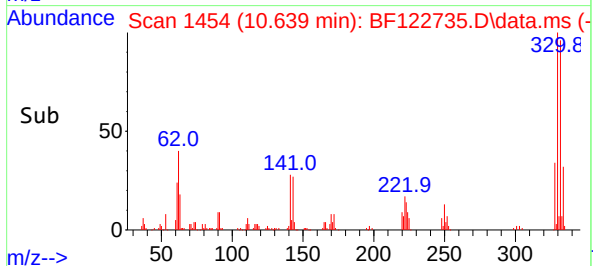
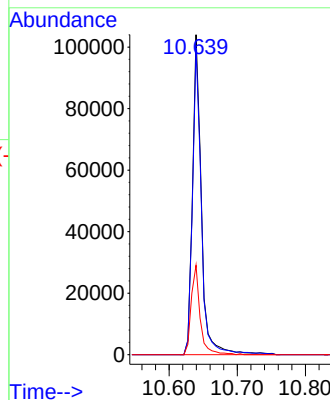
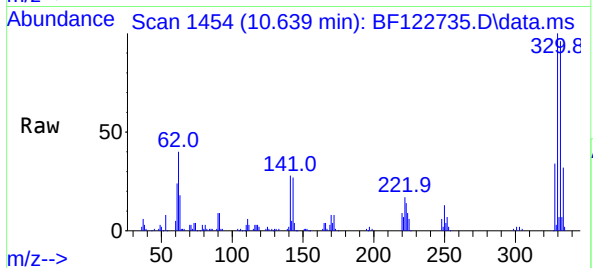
#42
2,4,6-Tribromophenol
Concen: 29.98 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BF122735.D
Acq: 16 Dec 2020 2:24

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

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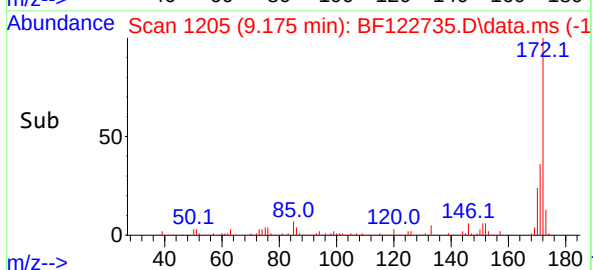
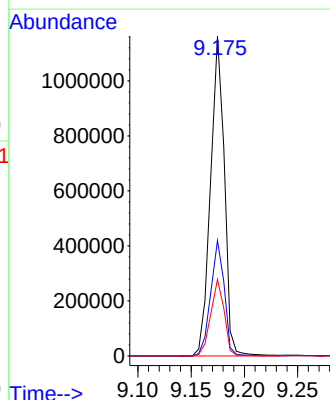
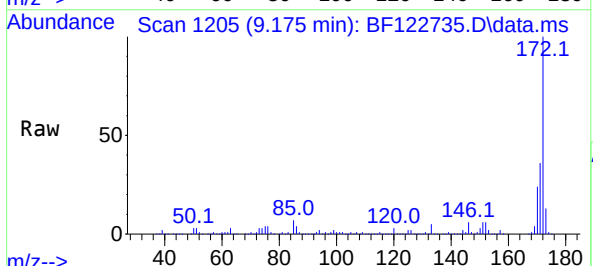
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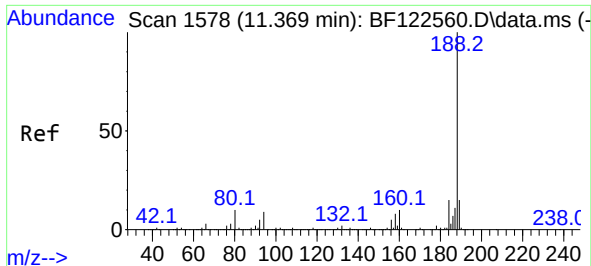
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#45
2-Fluorobiphenyl
Concen: 59.88 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.012 min
Lab File: BF122735.D
Acq: 16 Dec 2020 2:24

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





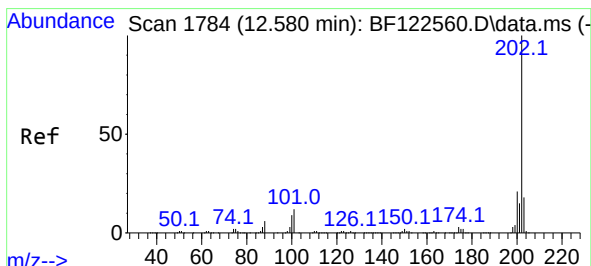
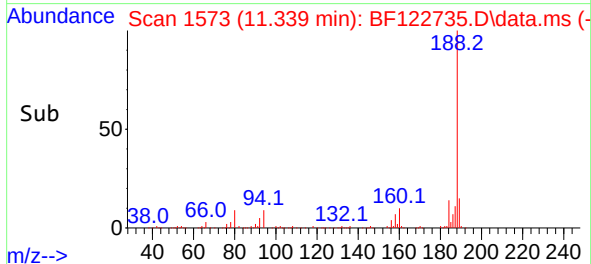
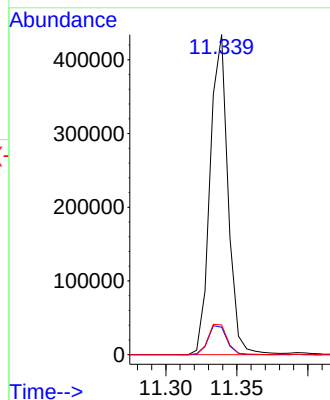
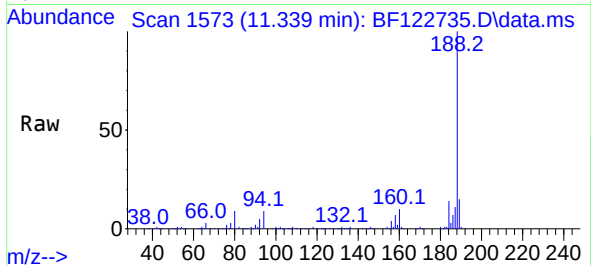
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122735.D
Acq: 16 Dec 2020 2:24

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

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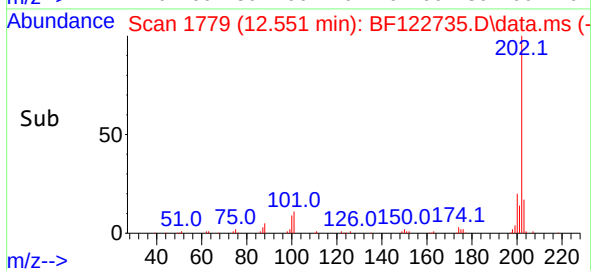
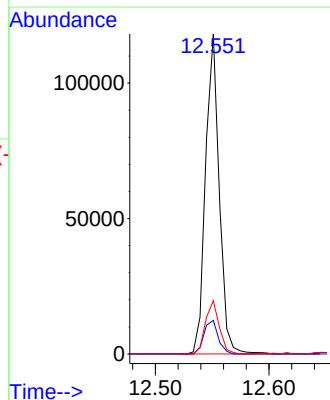
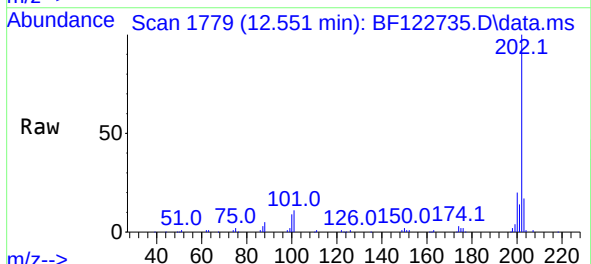
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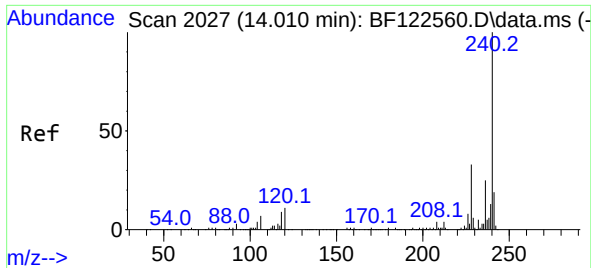
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#75
Fluoranthene
Concen: 4.16 ng
RT: 12.551 min Scan# 1779
Delta R.T. -0.006 min
Lab File: BF122735.D
Acq: 16 Dec 2020 2:24

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





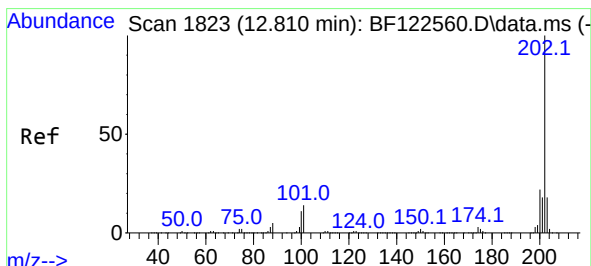
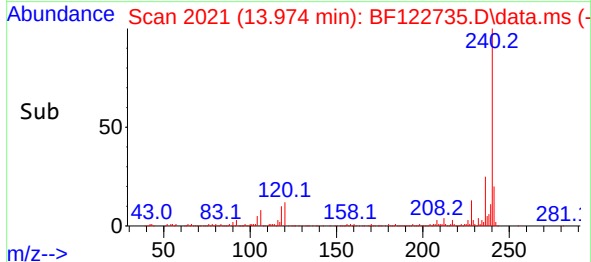
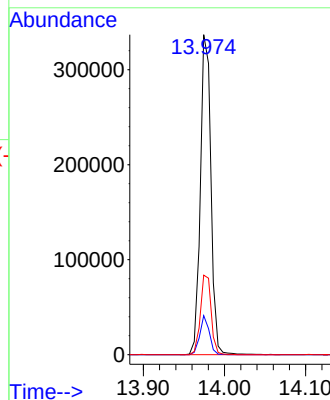
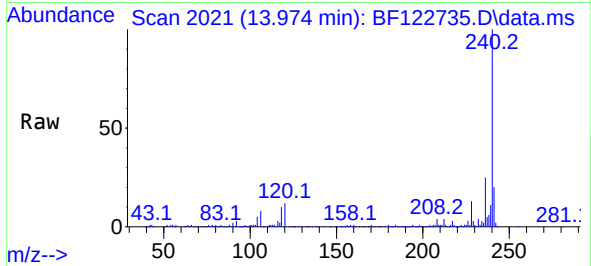
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF122735.D
Acq: 16 Dec 2020 2:24

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

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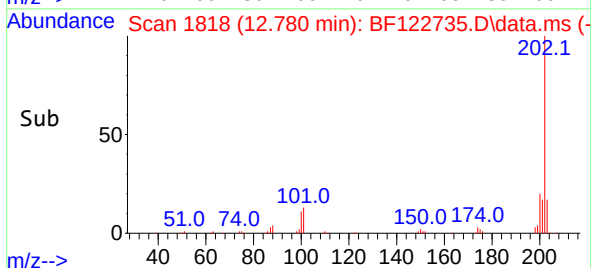
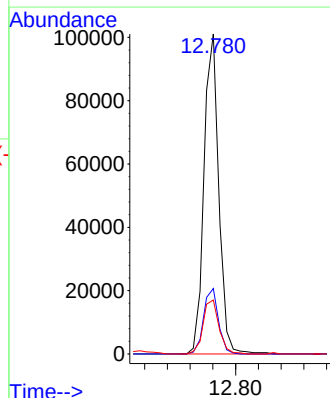
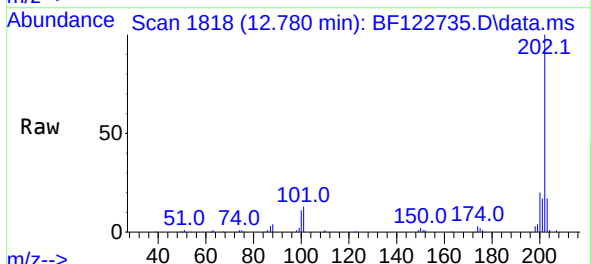
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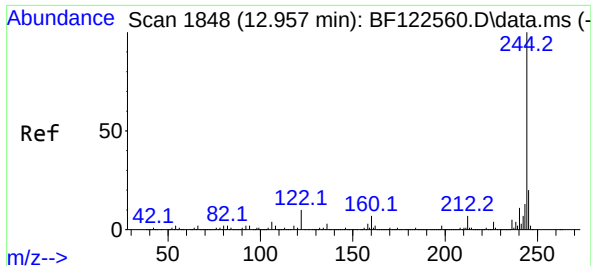
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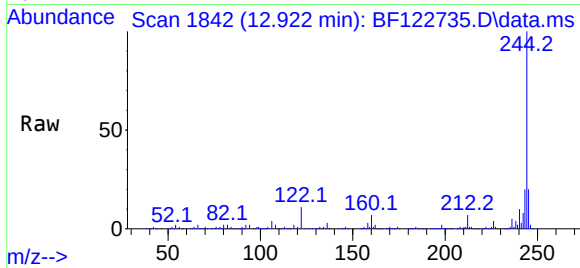
#78
Pyrene
Concen: 3.86 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF122735.D
Acq: 16 Dec 2020 2:24

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

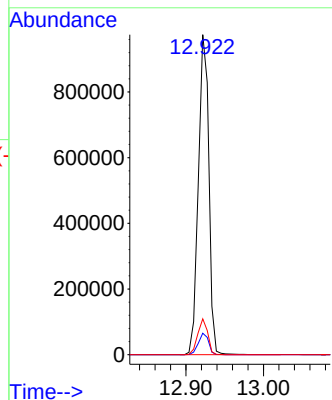
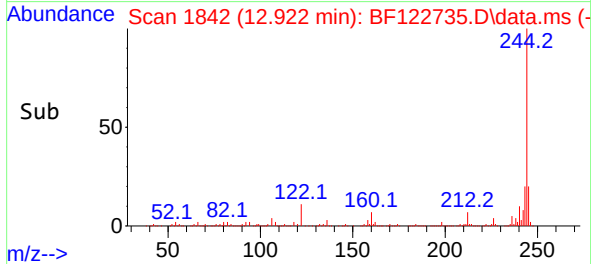




#79
Terphenyl-d14
Concen: 52.48 ng
RT: 12.922 min Scan# 1842
Delta R.T. -0.012 min
Lab File: BF122735.D
Acq: 16 Dec 2020 2:24



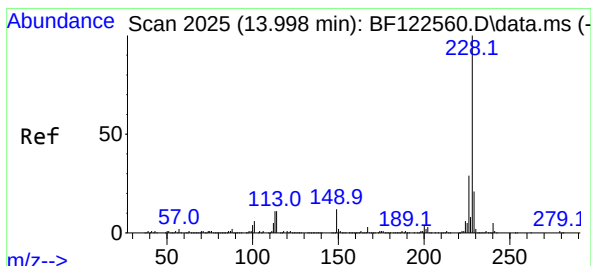
Tgt Ion:244 Resp: 915627
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 11.2 8.3 12.5



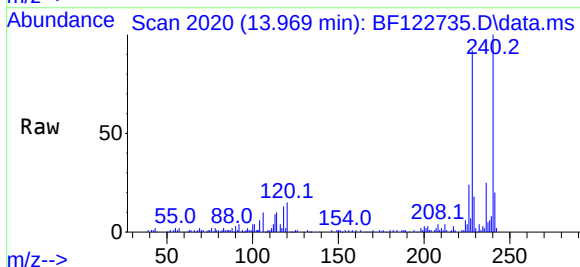
Instrument :
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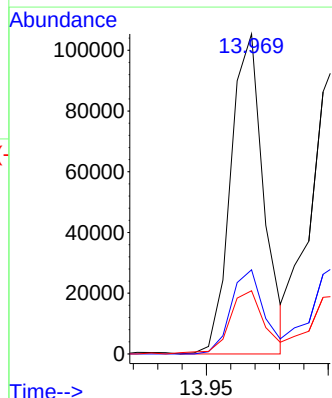
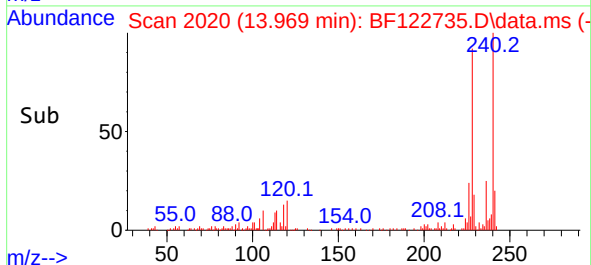
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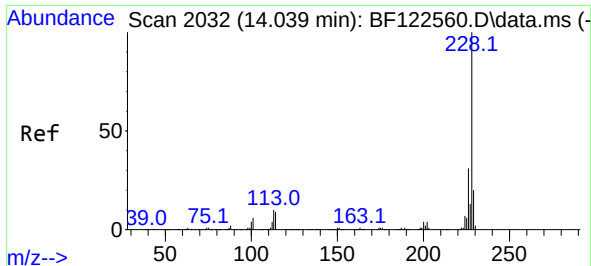


#81
Benzo(a)anthracene
Concen: 4.86 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF122735.D
Acq: 16 Dec 2020 2:24

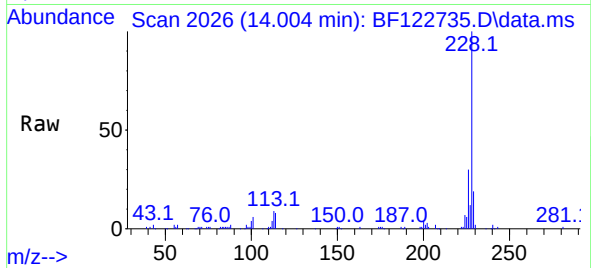


Tgt Ion:228 Resp: 99212
Ion Ratio Lower Upper
228 100
226 26.3 23.0 34.4
229 19.7 16.6 24.8

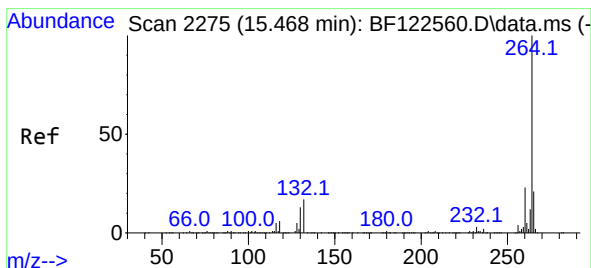
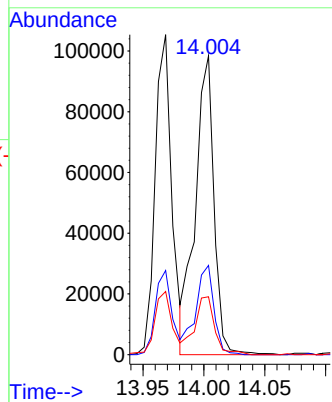
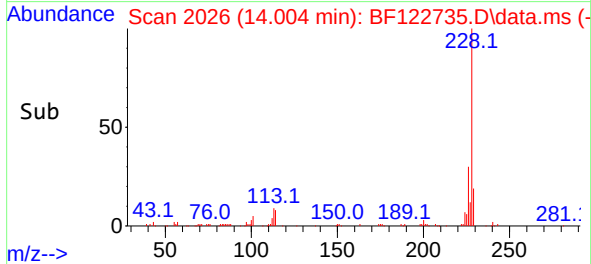




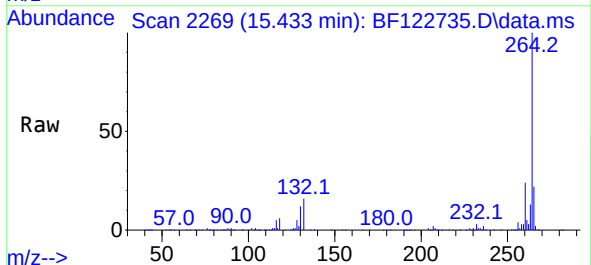
#83
Chrysene
Concen: 5.19 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BF122735.D
Acq: 16 Dec 2020 2:24



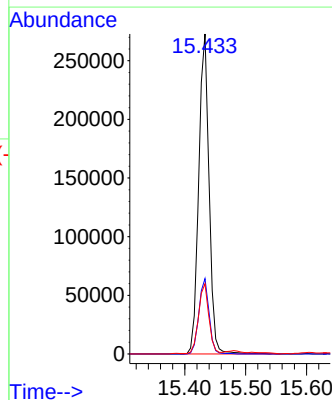
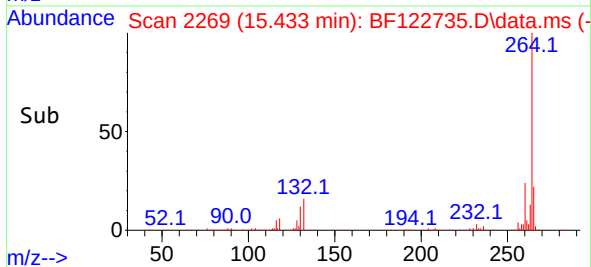
Tgt Ion:228 Resp: 105398
Ion Ratio Lower Upper
228 100
226 29.8 24.6 36.8
229 19.4 15.8 23.6



#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



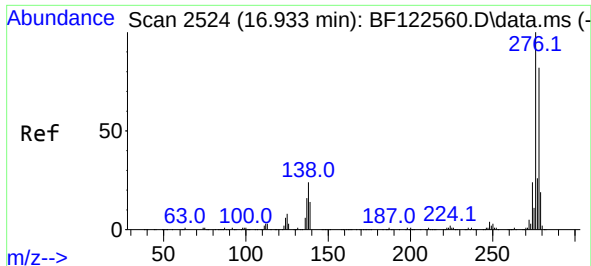
Tgt Ion:264 Resp: 321346
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 22.0 17.0 25.6



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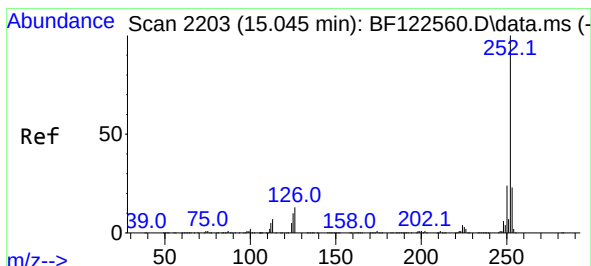
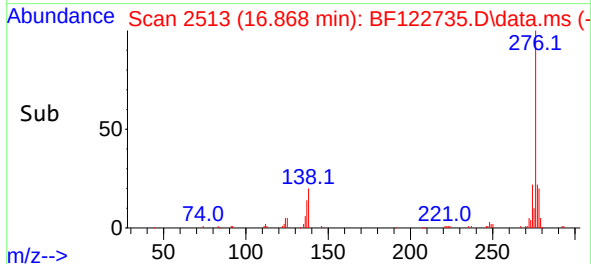
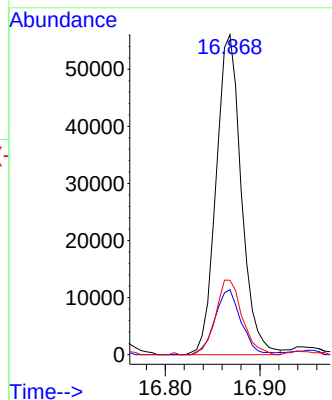
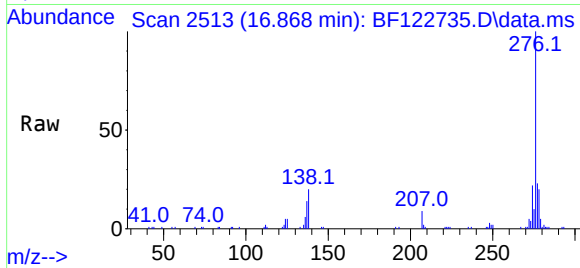
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.93 ng
RT: 16.868 min Scan# 2513
Delta R.T. -0.024 min
Lab File: BF122735.D
Acq: 16 Dec 2020 2:24

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

Instrument :
BNA_F
ClientSampleId :
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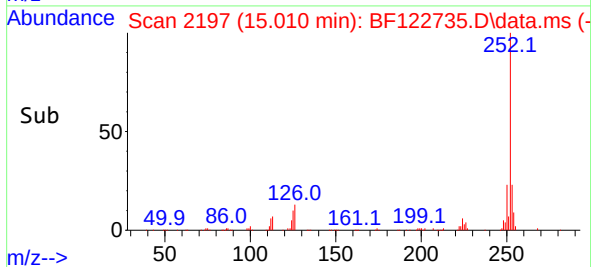
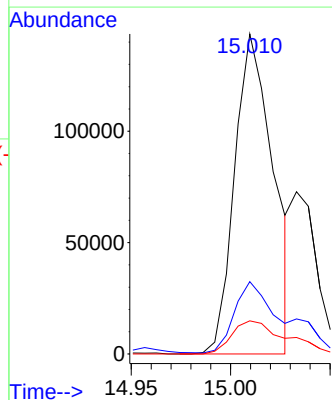
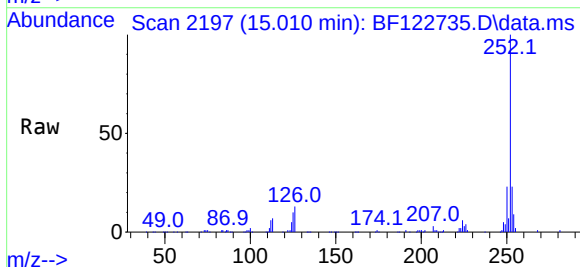
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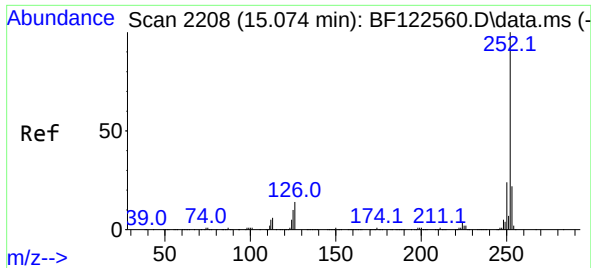
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#88
Benzo(b)fluoranthene
Concen: 8.65 ng m
RT: 15.010 min Scan# 2197
Delta R.T. -0.012 min
Lab File: BF122735.D
Acq: 16 Dec 2020 2:24

Tgt Ion:	252	Resp:	194951
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.3	27.5
125	10.4	8.1	12.1





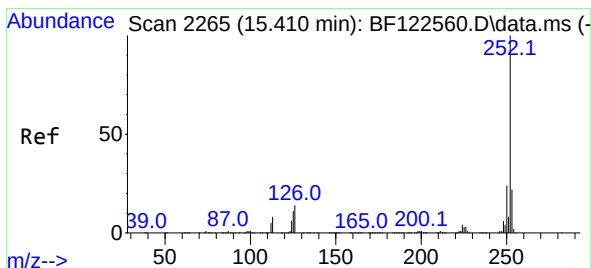
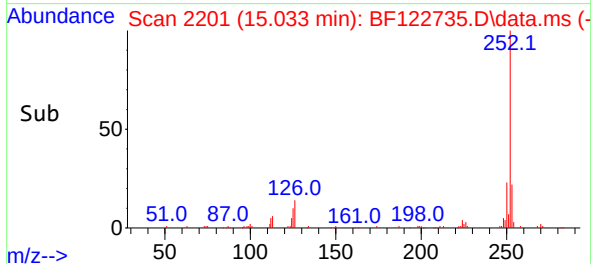
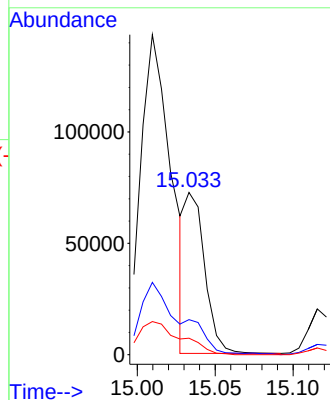
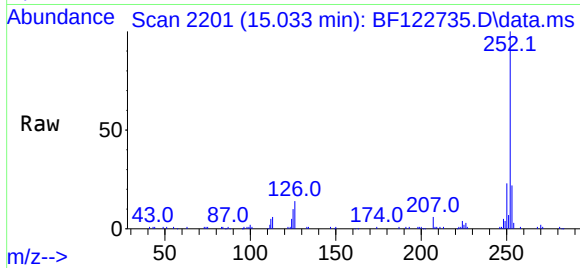
#89
Benzo(k)fluoranthene
Concen: 3.06 ng m
RT: 15.033 min Scan# 2201
Delta R.T. -0.018 min
Lab File: BF122735.D
Acq: 16 Dec 2020 2:24

Tgt Ion:252	Resp:	63131
Ion Ratio	Lower	Upper
252	100	
253	21.6	17.8 26.8
125	10.2	8.4 12.6

Instrument :
BNA_F
ClientSampleId :
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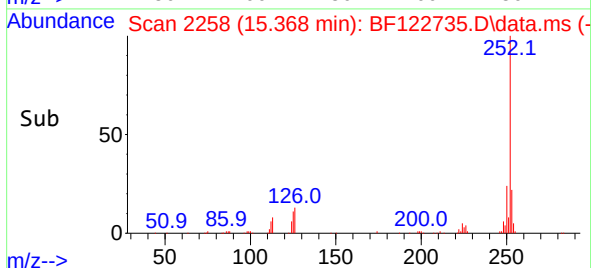
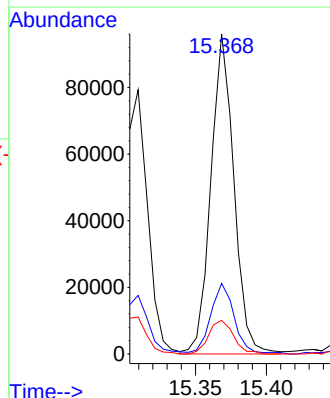
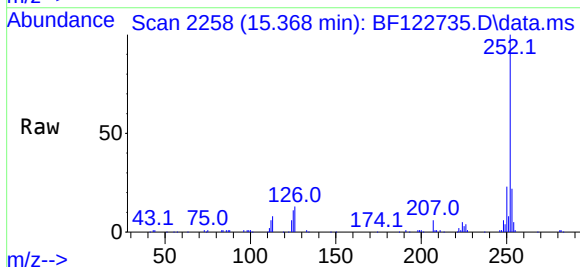
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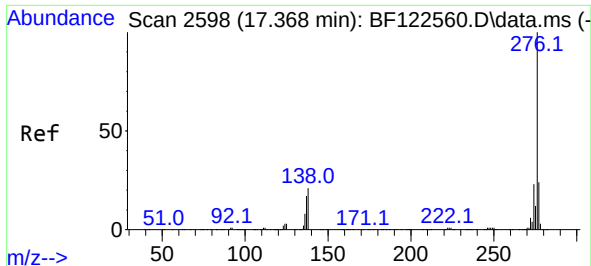
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#90
Benzo(a)pyrene
Concen: 5.50 ng
RT: 15.368 min Scan# 2258
Delta R.T. -0.012 min
Lab File: BF122735.D
Acq: 16 Dec 2020 2:24

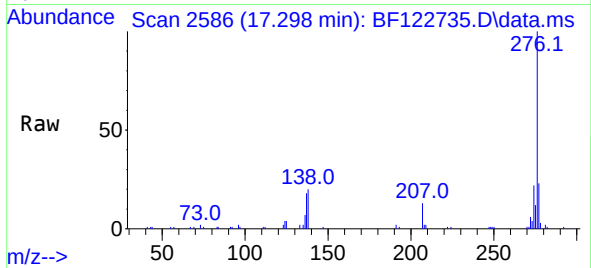
Tgt Ion:252	Resp:	108521
Ion Ratio	Lower	Upper
252	100	
253	22.0	17.5 26.3
125	10.5	8.6 12.8





#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

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