

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
 Data File : BF140470.D
 Acq On : 19 Nov 2024 13:47
 Operator : RC/JU
 Sample : P4852-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

Quant Time: Nov 19 14:16:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

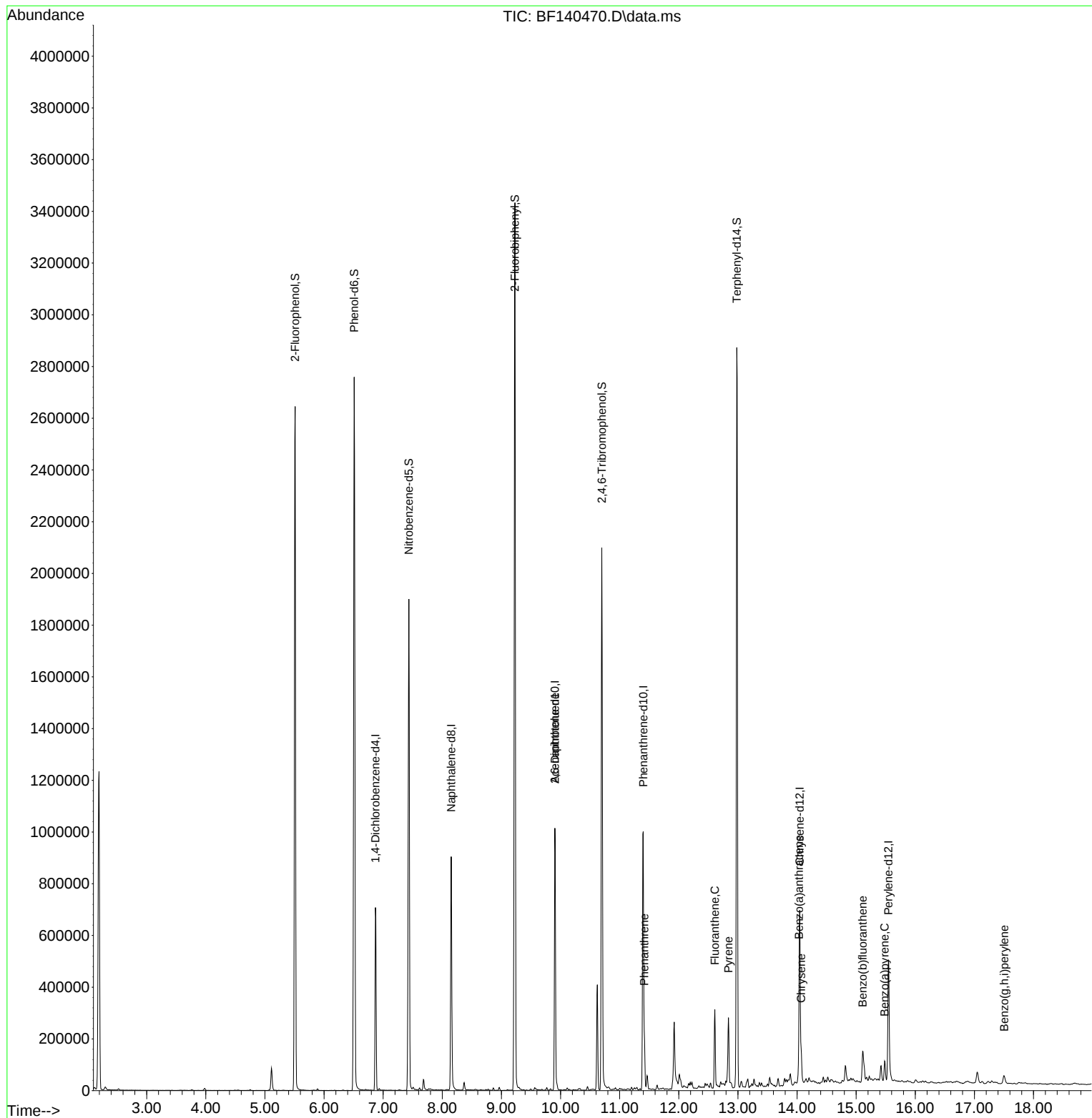
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	152696	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	579902	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	312197	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	553548	20.000	ng	0.00
76) Chrysene-d12	14.045	240	281611	20.000	ng	0.00
86) Perylene-d12	15.545	264	283940	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1036533	115.901	ng	0.02
7) Phenol-d6	6.510	99	1421601	117.326	ng	0.00
23) Nitrobenzene-d5	7.434	82	925139	83.121	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	368077	118.560	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1599580	82.365	ng	0.00
79) Terphenyl-d14	12.980	244	1452282	89.516	ng	0.00
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	9.904	165	39134	8.436	ng	# 22
71) Phenanthrene	11.416	178	101947	3.921	ng	100
75) Fluoranthene	12.610	202	170859	5.857	ng	99
78) Pyrene	12.839	202	153718	6.381	ng	99
81) Benzo(a)anthracene	14.033	228	67149	3.628	ng	98
83) Chrysene	14.069	228	64654	3.829	ng	97
88) Benzo(b)fluoranthene	15.110	252	76007m	4.092	ng	
90) Benzo(a)pyrene	15.480	252	48296	3.348	ng	97
92) Benzo(g,h,i)perylene	17.504	276	30408	2.052	ng	96

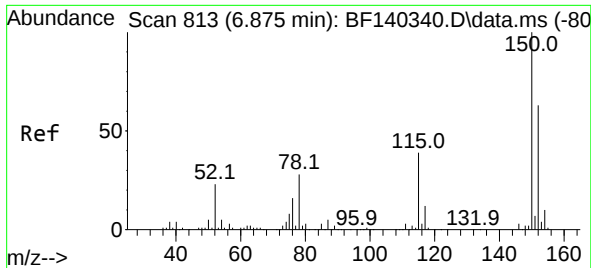
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 19 14:16:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
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QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

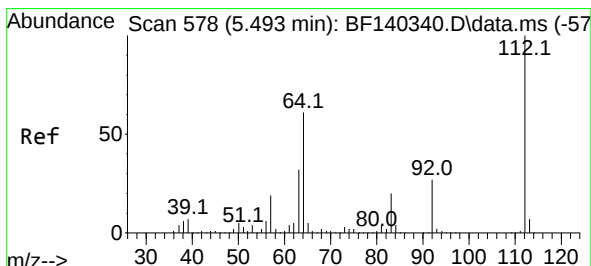
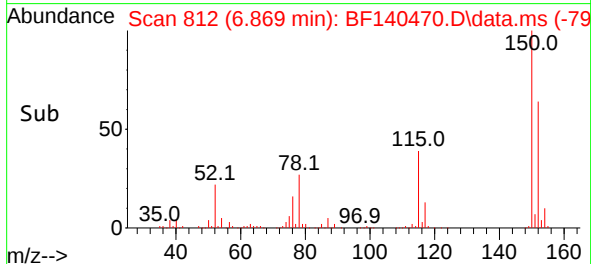
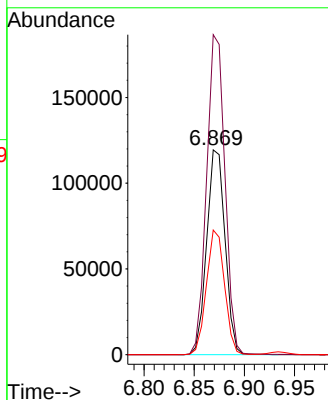
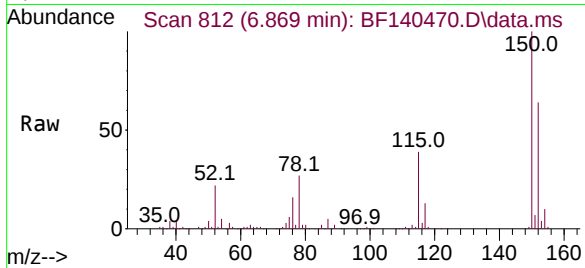




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF140470.D
Acq: 19 Nov 2024 13:47

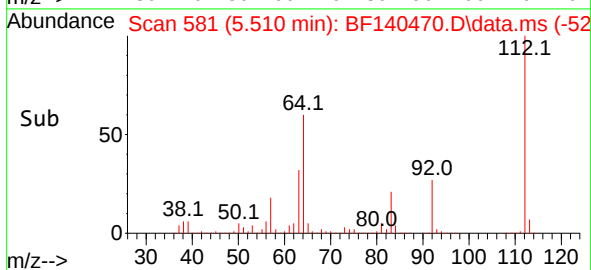
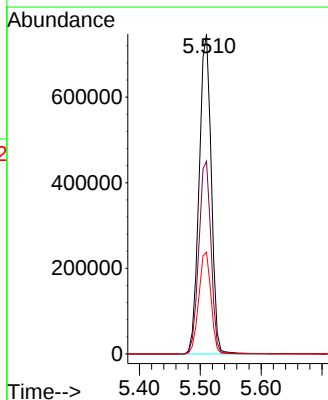
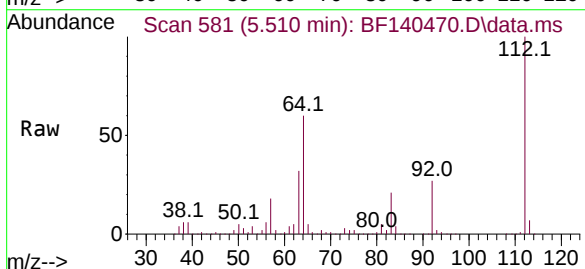
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BNA_F
ClientSampleId :
COMP-3

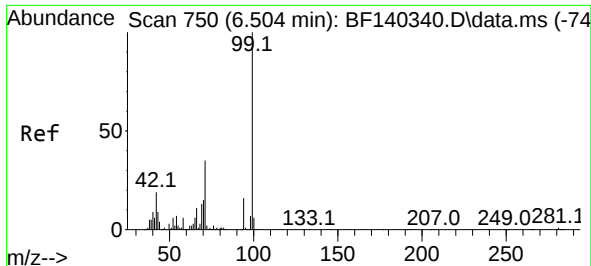
Tgt Ion:152 Resp: 152696
Ion Ratio Lower Upper
152 100
150 156.2 127.4 191.0
115 60.9 47.4 71.2



#5
2-Fluorophenol
Concen: 115.901 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF140470.D
Acq: 19 Nov 2024 13:47

Tgt Ion:112 Resp: 1036533
Ion Ratio Lower Upper
112 100
64 60.3 49.2 73.8
63 31.8 25.6 38.4

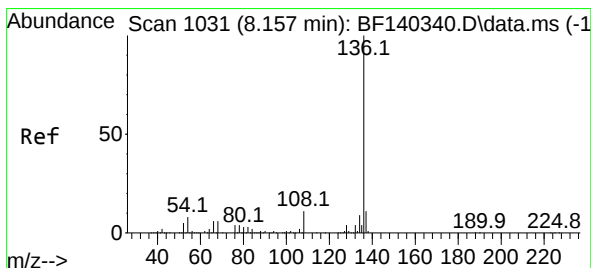
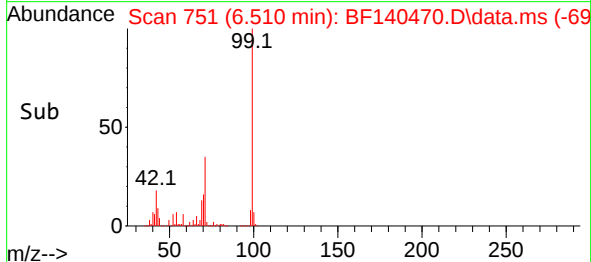
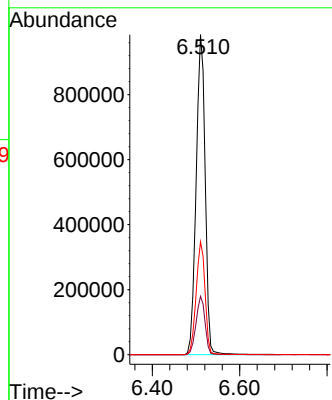
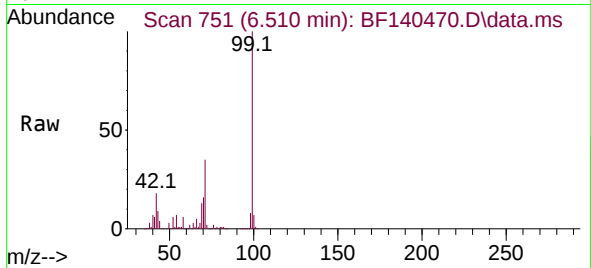




#7
Phenol-d6
Concen: 117.326 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140470.D
Acq: 19 Nov 2024 13:47

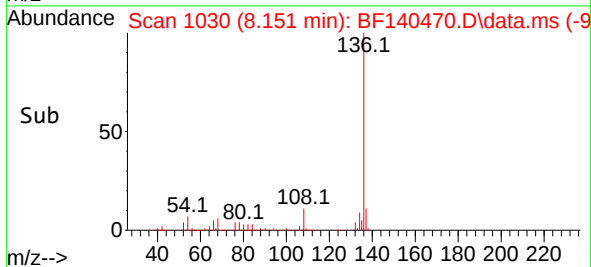
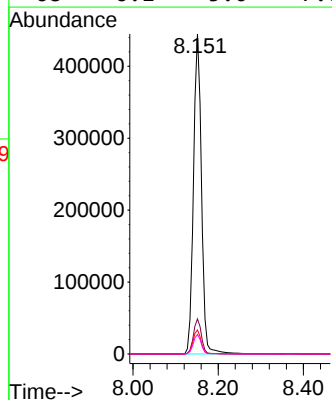
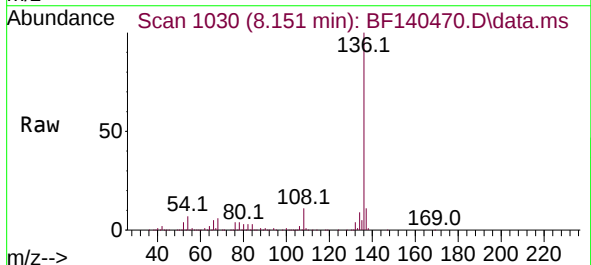
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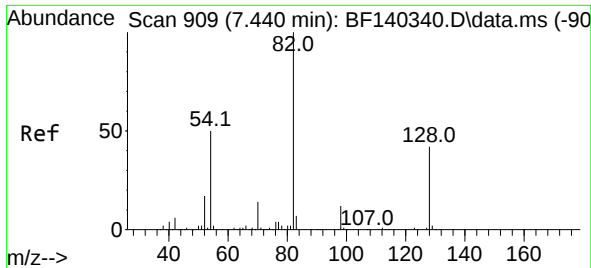
Tgt Ion: 99 Resp: 1421601
Ion Ratio Lower Upper
99 100
42 18.3 15.1 22.7
71 35.3 27.9 41.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140470.D
Acq: 19 Nov 2024 13:47

Tgt Ion: 136 Resp: 579902
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.5 6.5 9.7
68 6.1 5.0 7.6

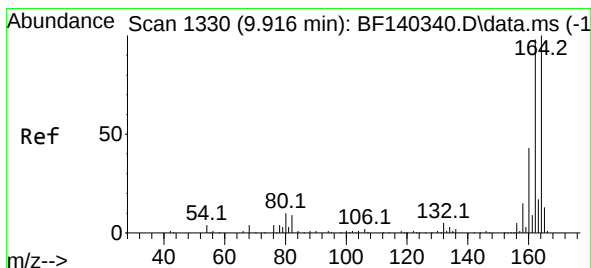
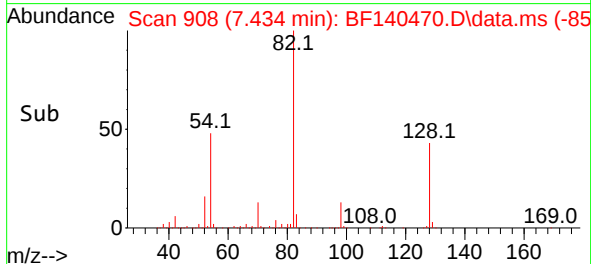
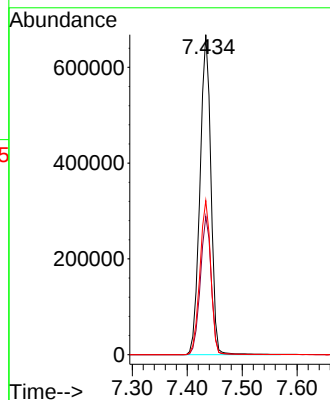
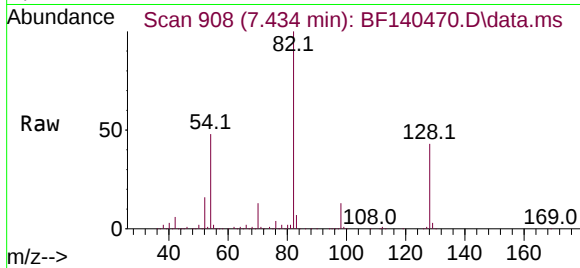




#23
Nitrobenzene-d5
Concen: 83.121 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140470.D
Acq: 19 Nov 2024 13:47

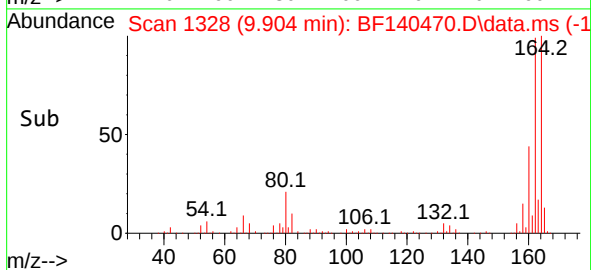
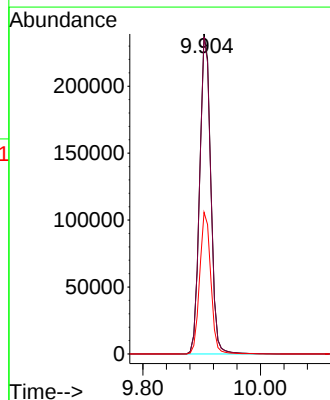
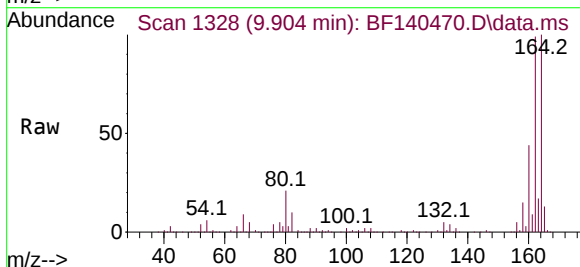
Instrument :
BNA_F
ClientSampleId :
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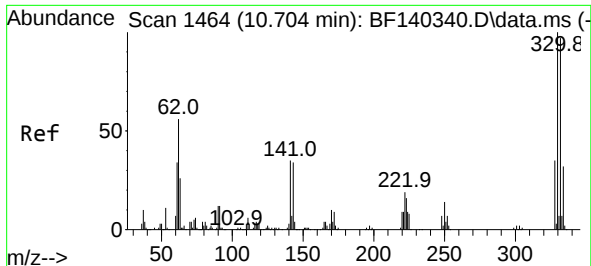
Tgt Ion: 82 Resp: 925139
Ion Ratio Lower Upper
82 100
128 43.2 33.3 49.9
54 48.1 39.8 59.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140470.D
Acq: 19 Nov 2024 13:47

Tgt Ion: 164 Resp: 312197
Ion Ratio Lower Upper
164 100
162 99.1 79.8 119.8
160 44.3 35.4 53.0

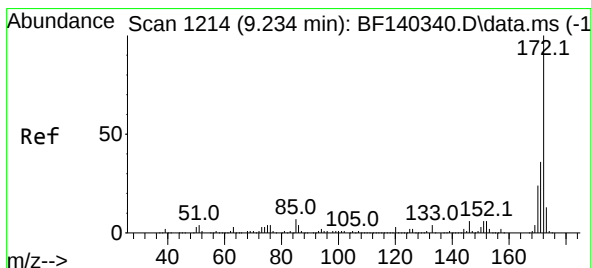
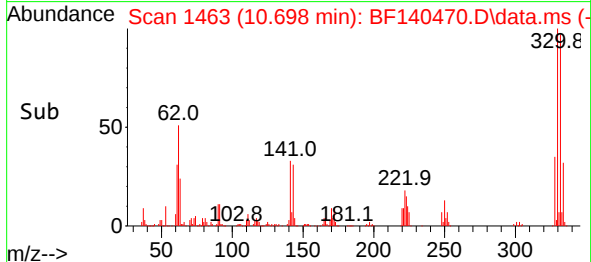
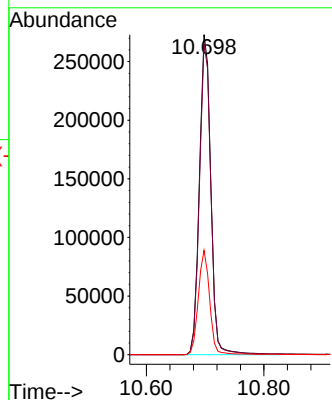
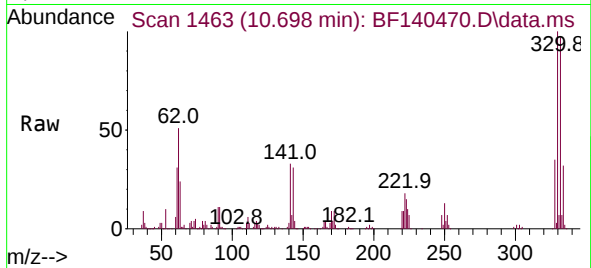




#42
2,4,6-Tribromophenol
Concen: 118.560 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140470.D
Acq: 19 Nov 2024 13:47

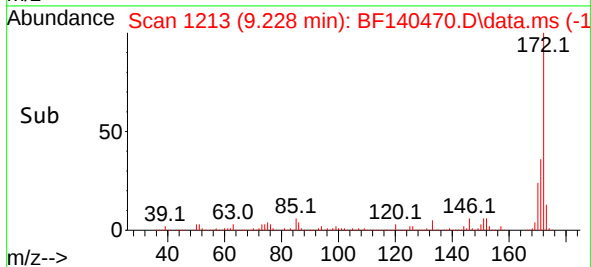
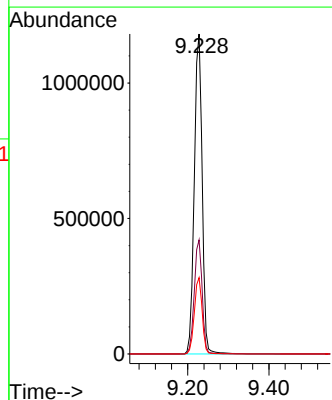
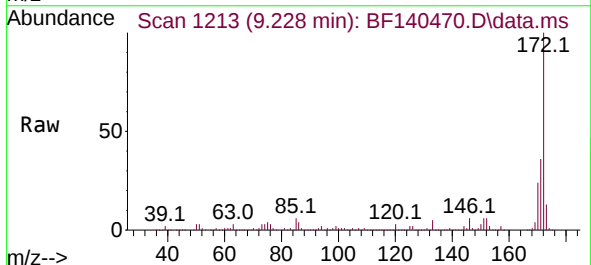
Instrument :
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ClientSampleId :
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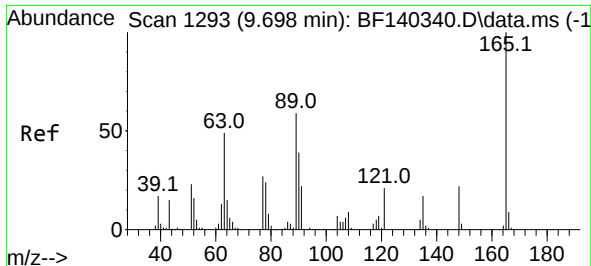
Tgt Ion:330 Resp: 368077
Ion Ratio Lower Upper
330 100
332 97.6 75.9 113.9
141 32.3 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 82.365 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140470.D
Acq: 19 Nov 2024 13:47

Tgt Ion:172 Resp: 1599580
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.8 19.1 28.7

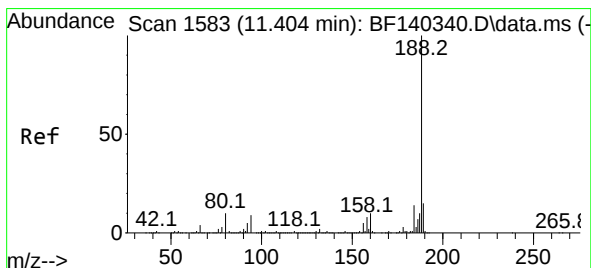
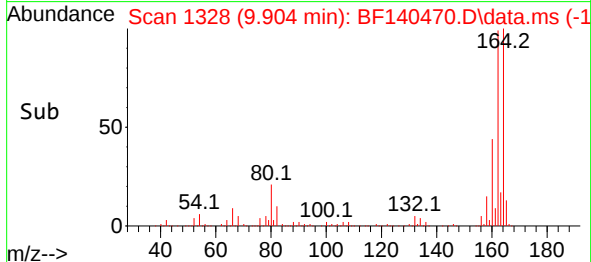
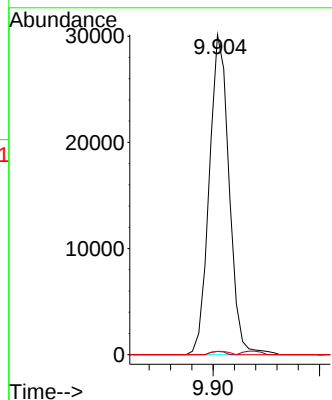
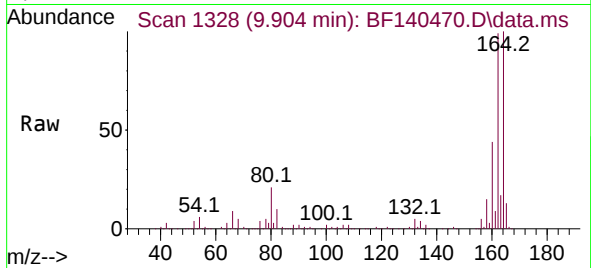




#51
2,6-Dinitrotoluene
Concen: 8.436 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140470.D
Acq: 19 Nov 2024 13:47

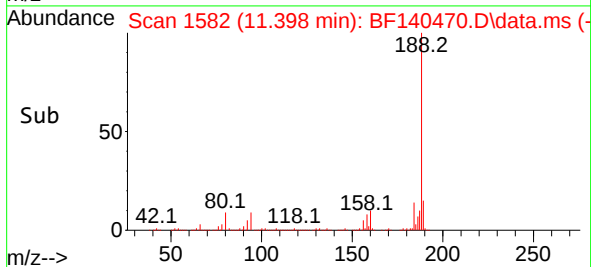
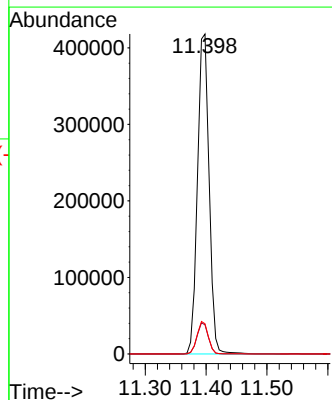
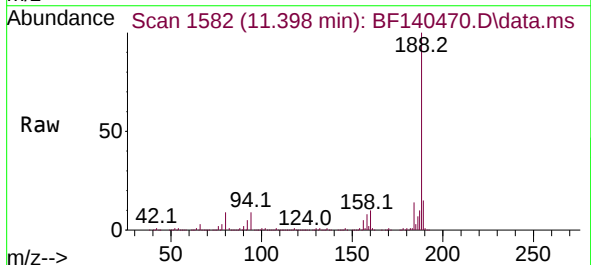
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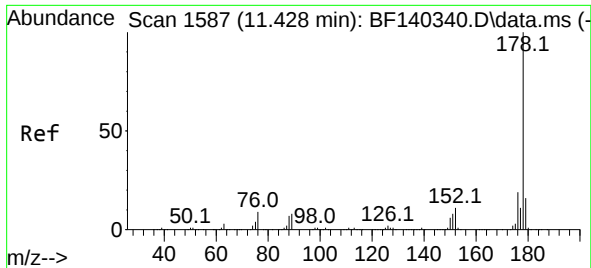
Tgt Ion:165 Resp: 39134
Ion Ratio Lower Upper
165 100
63 1.0 47.6 71.4#
89 1.1 48.1 72.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140470.D
Acq: 19 Nov 2024 13:47

Tgt Ion:188 Resp: 553548
Ion Ratio Lower Upper
188 100
94 9.1 7.6 11.4
80 9.4 8.0 12.0

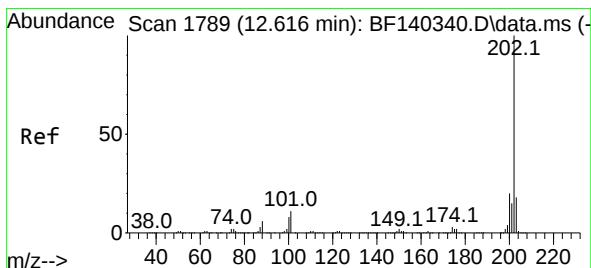
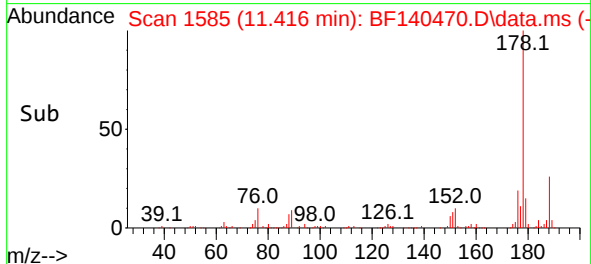
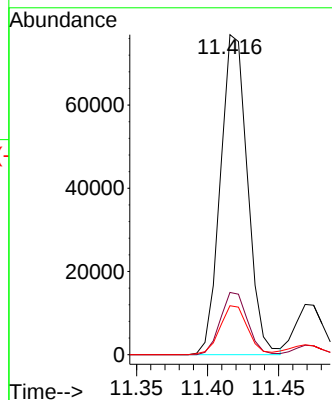
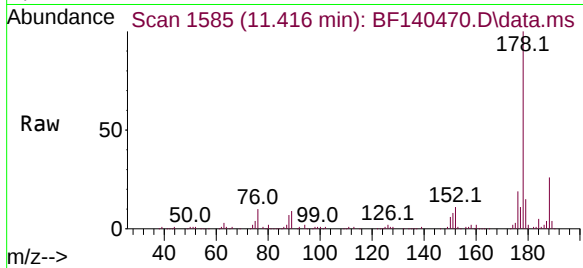




#71
Phenanthrene
Concen: 3.921 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140470.D
Acq: 19 Nov 2024 13:47

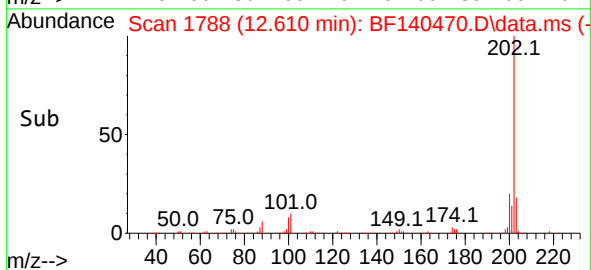
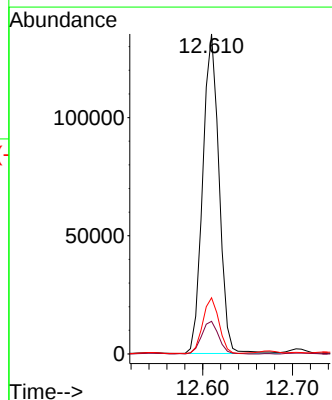
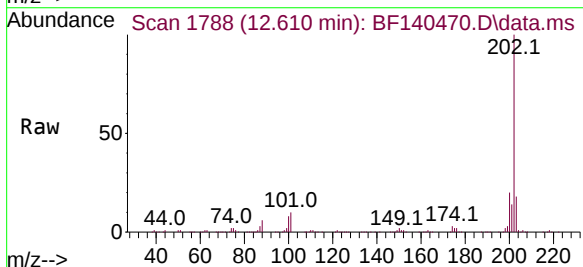
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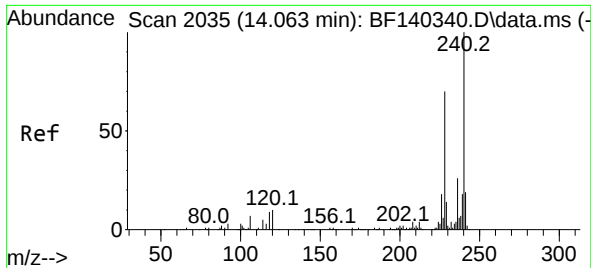
Tgt Ion:178 Resp: 101947
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.3 12.4 18.6



#75
Fluoranthene
Concen: 5.857 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF140470.D
Acq: 19 Nov 2024 13:47

Tgt Ion:202 Resp: 170859
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.7
203 17.6 0.0 37.7

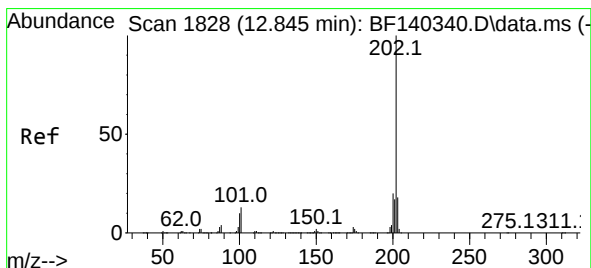
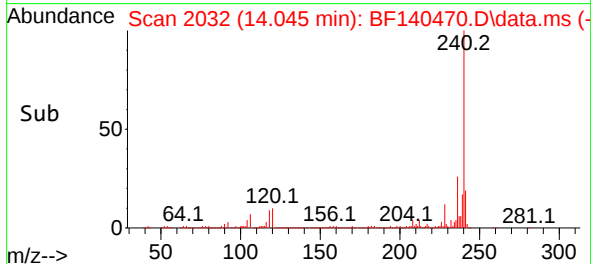
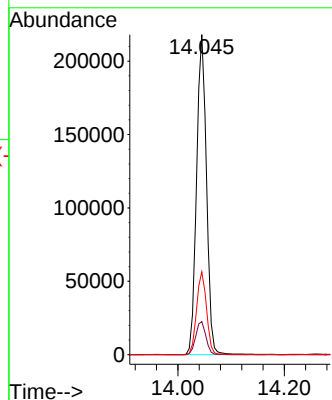
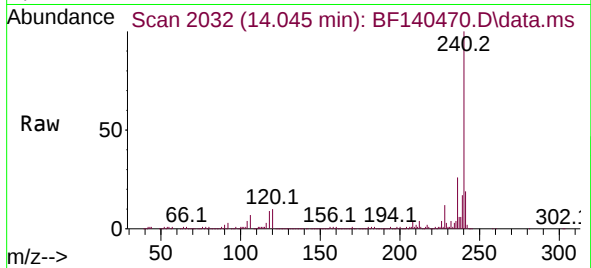




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140470.D
Acq: 19 Nov 2024 13:47

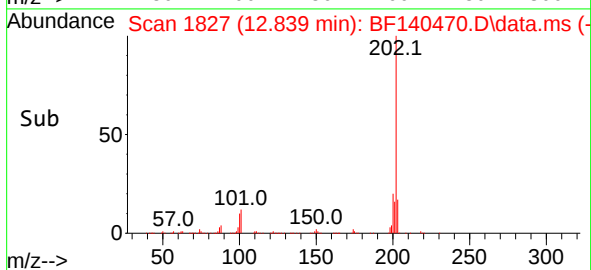
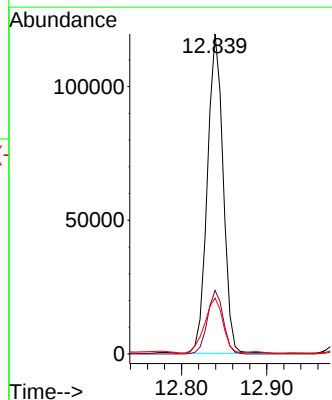
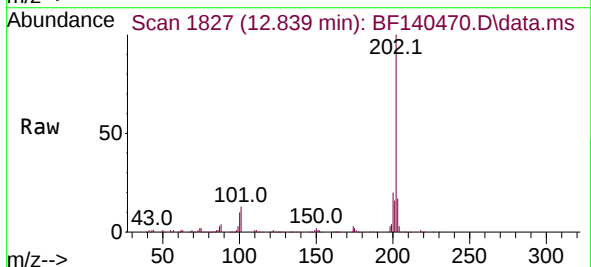
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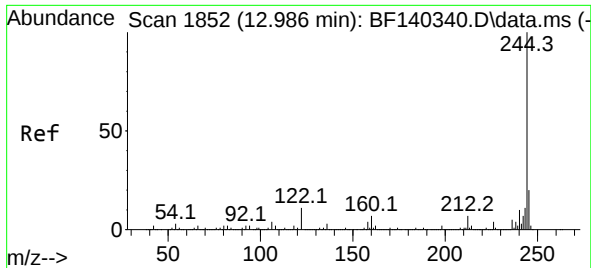
Tgt Ion:240 Resp: 281611
Ion Ratio Lower Upper
240 100
120 10.4 8.8 13.2
236 25.9 20.9 31.3



#78
Pyrene
Concen: 6.381 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF140470.D
Acq: 19 Nov 2024 13:47

Tgt Ion:202 Resp: 153718
Ion Ratio Lower Upper
202 100
200 19.8 16.2 24.2
203 17.4 14.2 21.4

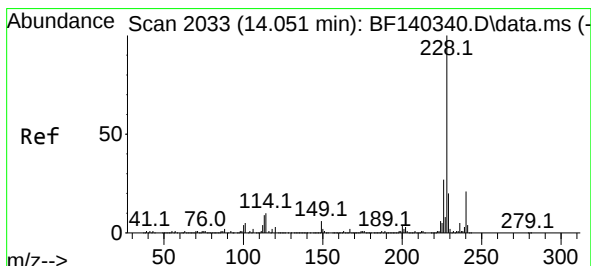
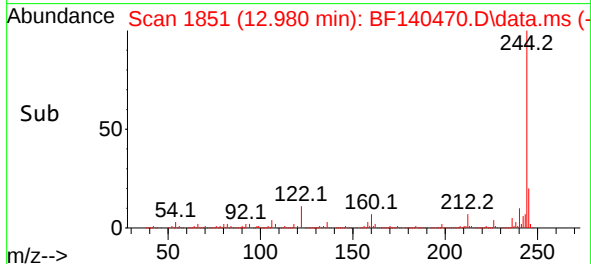
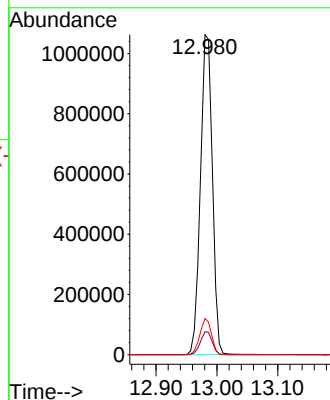
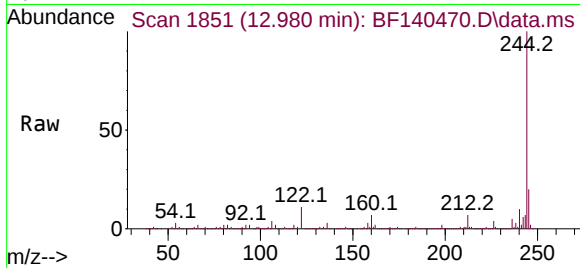




#79
 Terphenyl-d14
 Concen: 89.516 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF140470.D
 Acq: 19 Nov 2024 13:47

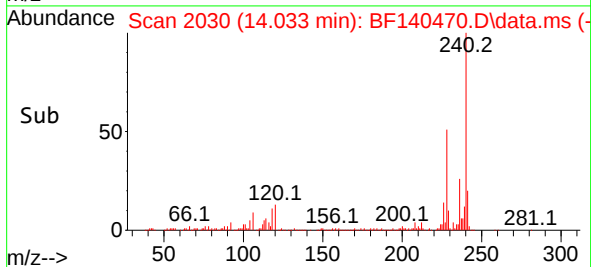
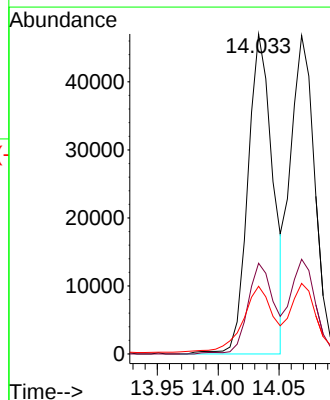
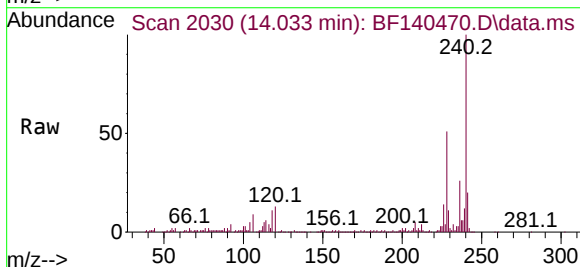
Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

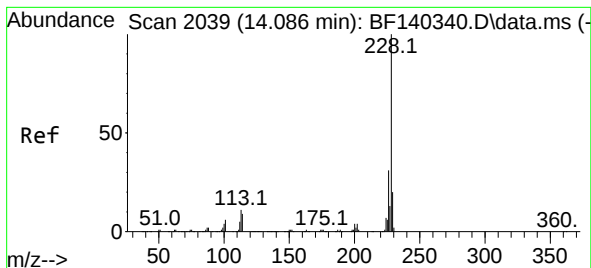
Tgt Ion:244 Resp: 1452282
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 11.3 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 3.628 ng
 RT: 14.033 min Scan# 2030
 Delta R.T. -0.006 min
 Lab File: BF140470.D
 Acq: 19 Nov 2024 13:47

Tgt Ion:228 Resp: 67149
 Ion Ratio Lower Upper
 228 100
 226 28.3 22.2 33.4
 229 21.1 15.8 23.6





#83

Chrysene

Concen: 3.829 ng

RT: 14.069 min Scan# 2039

Delta R.T. -0.012 min

Lab File: BF140470.D

Acq: 19 Nov 2024 13:47

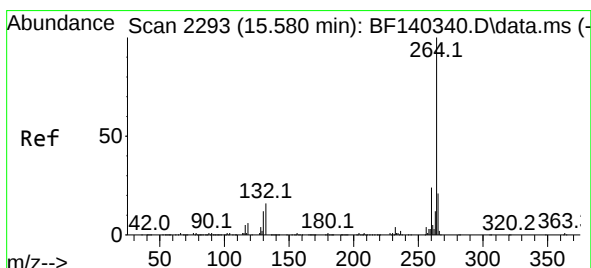
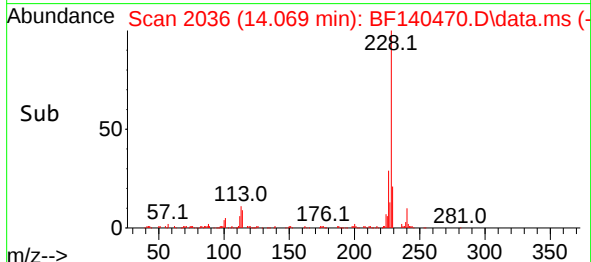
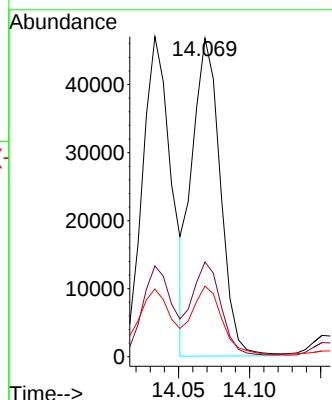
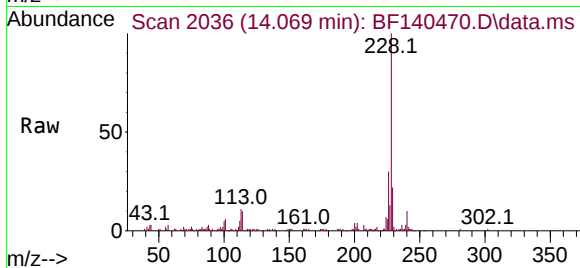
Instrument :

BNA_F

ClientSampleId :

COMP-3

Tgt Ion:228	Resp: 64654
Ion Ratio	Lower Upper
228	100
226	29.8 24.5 36.7
229	22.2 16.0 24.0



#86

Perylene-d12

Concen: 20.000 ng

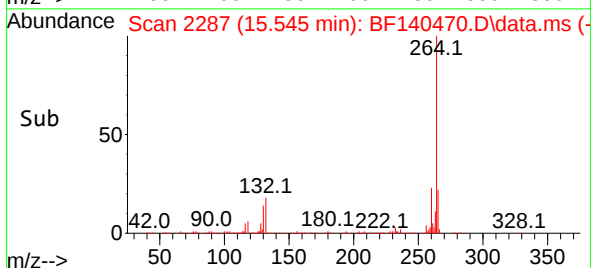
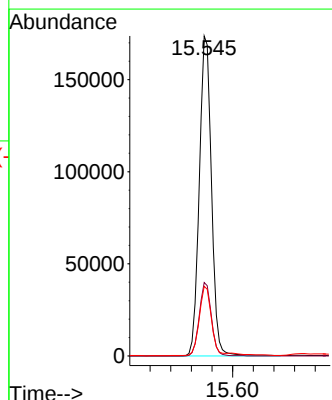
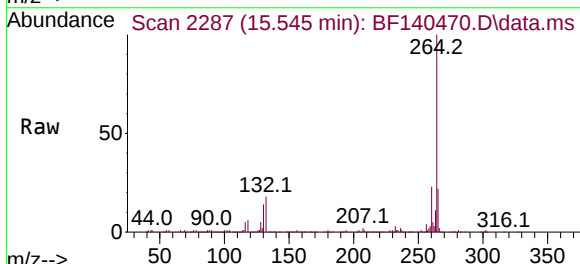
RT: 15.545 min Scan# 2287

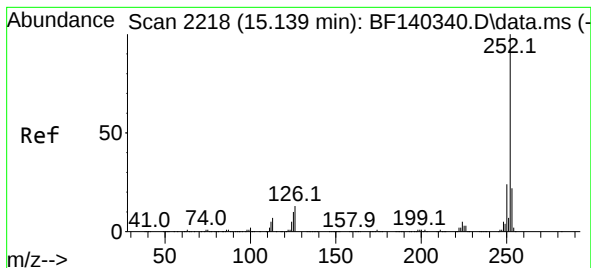
Delta R.T. -0.012 min

Lab File: BF140470.D

Acq: 19 Nov 2024 13:47

Tgt Ion:264	Resp: 283940
Ion Ratio	Lower Upper
264	100
260	23.0 19.2 28.8
265	21.7 17.1 25.7





#88

Benzo(b)fluoranthene

Concen: 4.092 ng m

RT: 15.110 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140470.D

Acq: 19 Nov 2024 13:47

Instrument :

BNA_F

ClientSampleId :

COMP-3

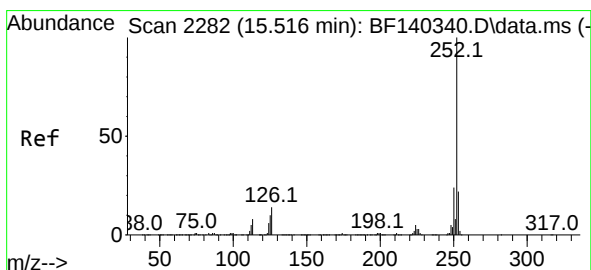
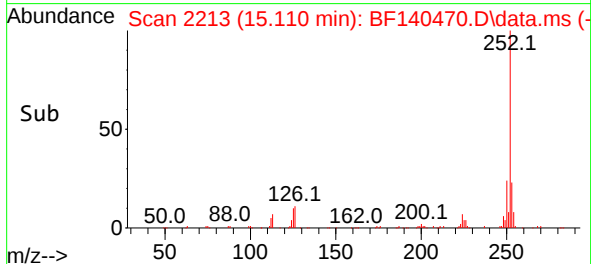
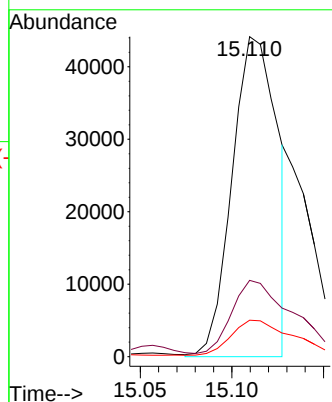
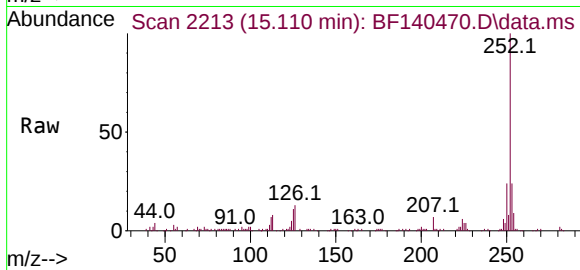
Tgt Ion:252 Resp: 76007

Ion Ratio Lower Upper

252 100

253 23.8 17.5 26.3

125 11.4 8.0 12.0



#90

Benzo(a)pyrene

Concen: 3.348 ng

RT: 15.480 min Scan# 2276

Delta R.T. -0.012 min

Lab File: BF140470.D

Acq: 19 Nov 2024 13:47

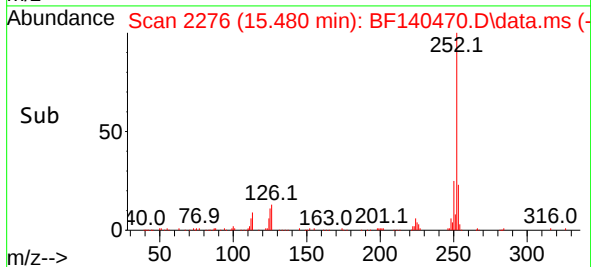
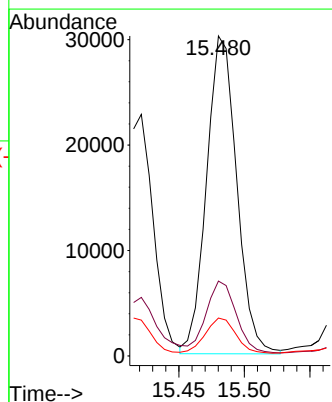
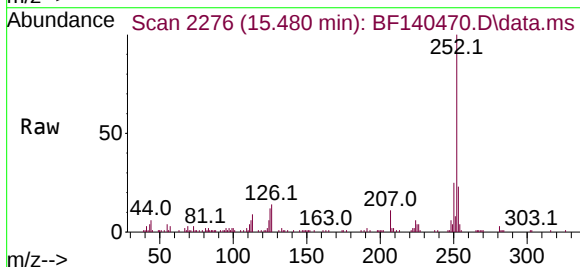
Tgt Ion:252 Resp: 48296

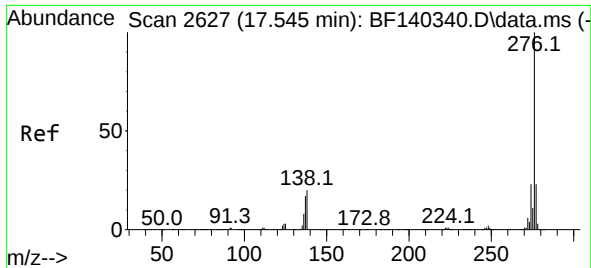
Ion Ratio Lower Upper

252 100

253 23.4 17.8 26.6

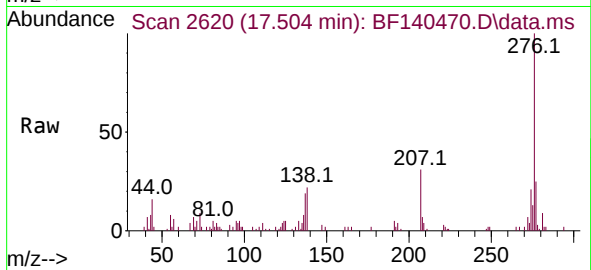
125 11.9 8.4 12.6





#92
 Benzo(g,h,i)perylene
 Concen: 2.052 ng
 RT: 17.504 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: BF140470.D
 Acq: 19 Nov 2024 13:47

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3



Tgt Ion:	276	Resp:	30408
Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.6	28.0
138	22.0	16.0	24.0

