

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
 Data File : BF122751.D
 Acq On : 16 Dec 2020 15:43
 Operator : JU/CG
 Sample : L5088-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR3-A-D-COMP

Manual Integrations
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Quant Time: Dec 17 01:12:12 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	196063	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	767206	20.00	ng	-0.01
39) Acenaphthene-d10	9.857	164	408898	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	715255	20.00	ng	0.00
76) Chrysene-d12	13.980	240	504843	20.00	ng	0.00
86) Perylene-d12	15.439	264	474725	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1034373	83.52	ng	0.00
7) Phenol-d6	6.451	99	1290049	78.54	ng	0.00
23) Nitrobenzene-d5	7.381	82	829171	54.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	393596	73.54	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1441483	47.68	ng	0.00
79) Terphenyl-d14	12.927	244	1400407	48.56	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.457	94	51599	3.03	ng	85
50) Dimethylphthalate	9.569	163	183143	5.61	ng	99
75) Fluoranthene	12.551	202	119857	2.69	ng	99
78) Pyrene	12.780	202	139708	3.58	ng	98
81) Benzo(a)anthracene	13.968	228	70245m	2.08	ng	
88) Benzo(b)fluoranthene	15.015	252	92888m	2.79	ng	
90) Benzo(a)pyrene	15.374	252	70204	2.41	ng	# 95
92) Benzo(g,h,i)perylene	17.309	276	59333	2.40	ng	96

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

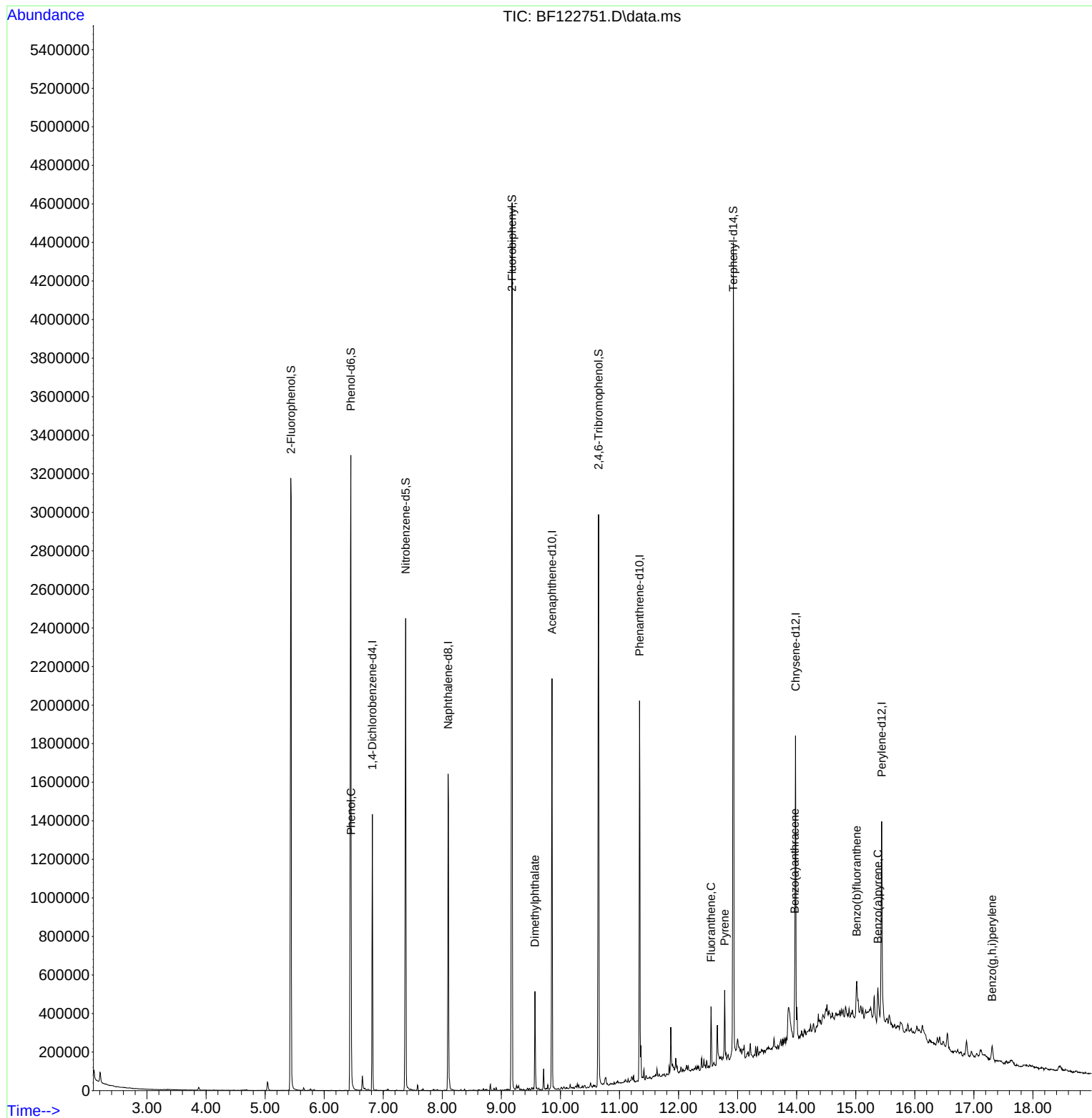
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
Data File : BF122751.D
Acq On : 16 Dec 2020 15:43
Operator : JU/CG
Sample : L5088-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

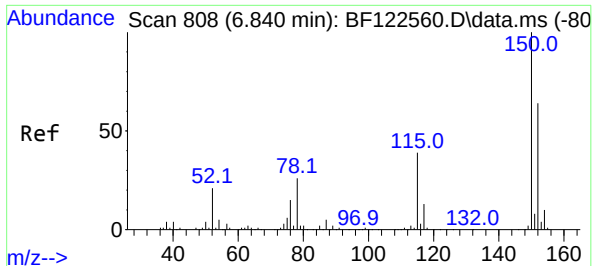
Instrument :
BNA_F
ClientSampleId :
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Quant Time: Dec 17 01:12:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration





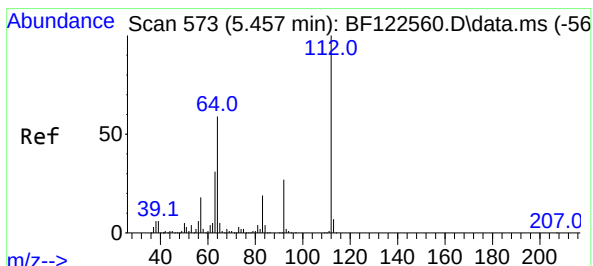
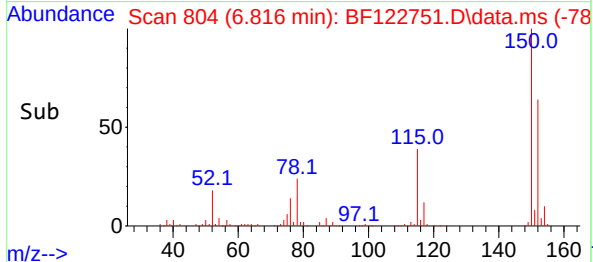
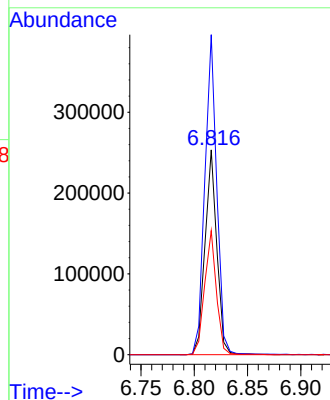
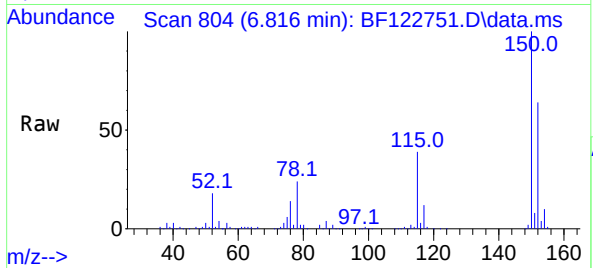
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122751.D
Acq: 16 Dec 2020 15:43

Tgt Ion:152 Resp: 196063
Ion Ratio Lower Upper
152 100
150 156.2 125.8 188.6
115 60.5 49.3 73.9

Instrument :
BNA_F
ClientSampleId :
TR3-A-D-COMP

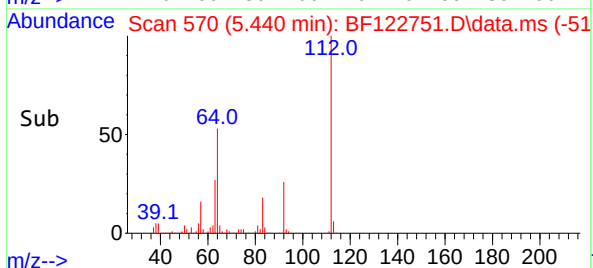
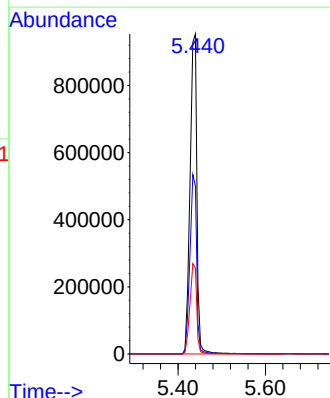
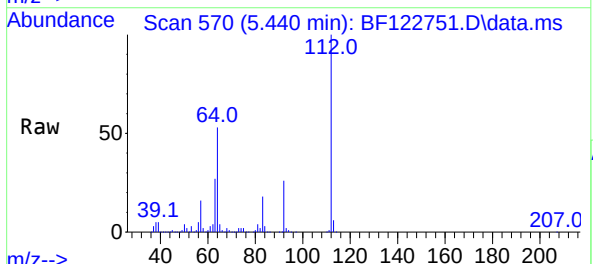
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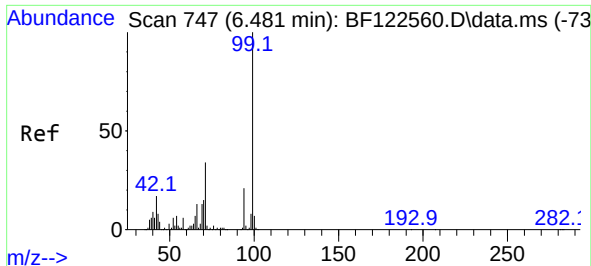
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#5
2-Fluorophenol
Concen: 83.52 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF122751.D
Acq: 16 Dec 2020 15:43

Tgt Ion:112 Resp: 1034373
Ion Ratio Lower Upper
112 100
64 52.6 46.9 70.3
63 26.8 24.5 36.7





#7
Phenol-d6
Concen: 78.54 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF122751.D
Acq: 16 Dec 2020 15:43

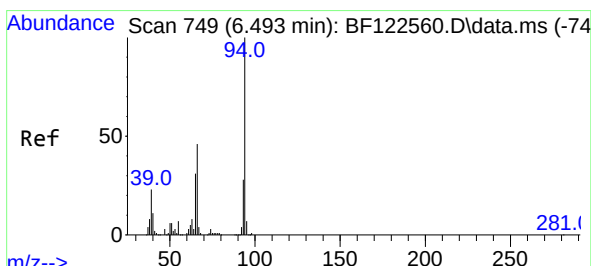
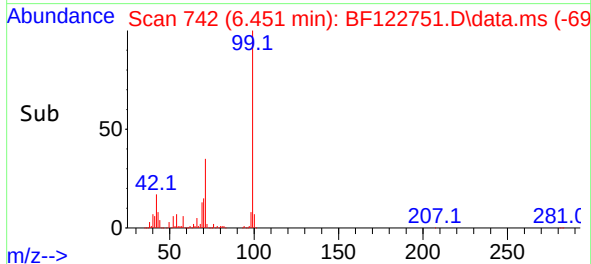
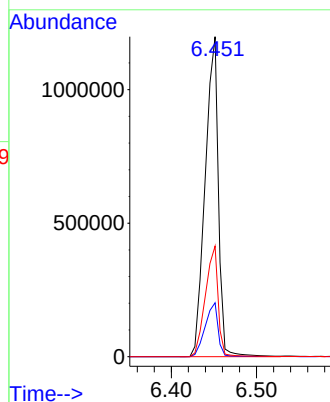
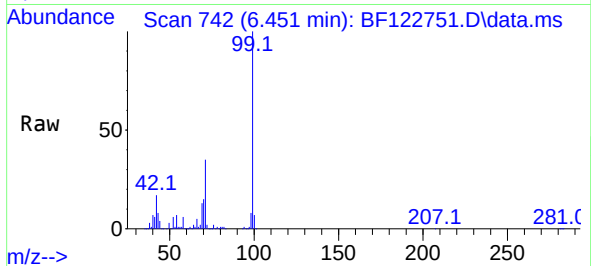
Tgt Ion: 99 Resp: 1290049

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.8	20.6
71	34.5	26.9	40.3

Instrument :
BNA_F
ClientSampleId :
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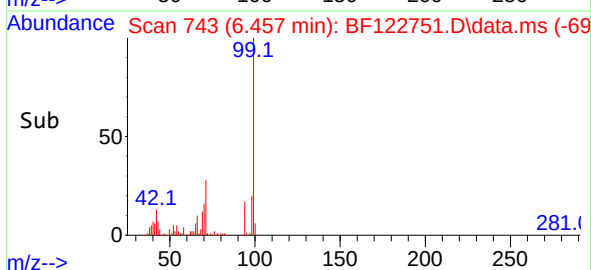
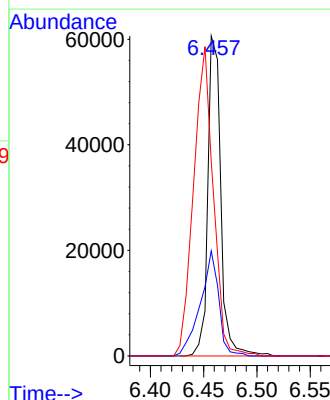
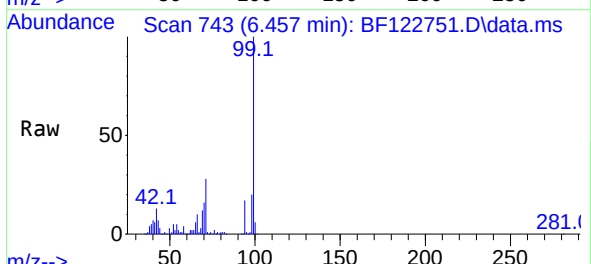
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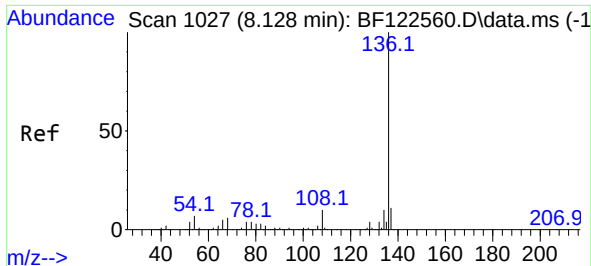


#10
Phenol
Concen: 3.03 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF122751.D
Acq: 16 Dec 2020 15:43

Tgt Ion: 94 Resp: 51599

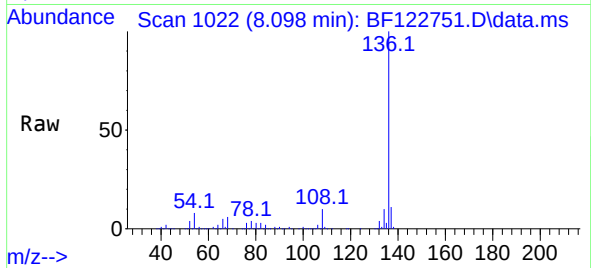
Ion	Ratio	Lower	Upper
94	100		
65	32.8	11.2	51.2
66	60.7	25.8	65.8





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF122751.D
Acq: 16 Dec 2020 15:43

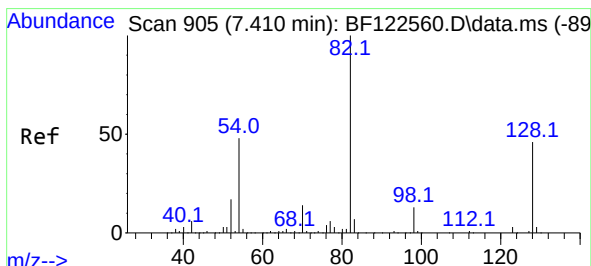
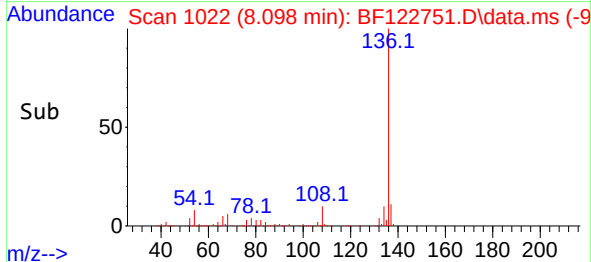
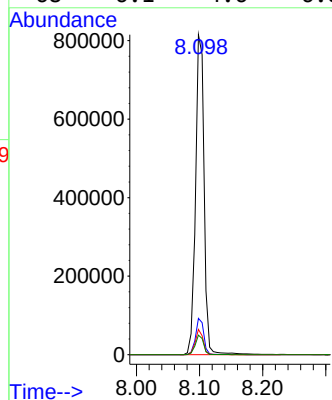
Instrument :
BNA_F
ClientSampleId :
TR3-A-D-COMP



Tgt Ion:	136	Resp:	767206
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	7.9	5.5	8.3
68	6.1	4.6	6.8

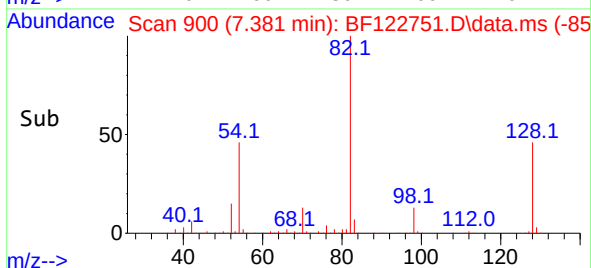
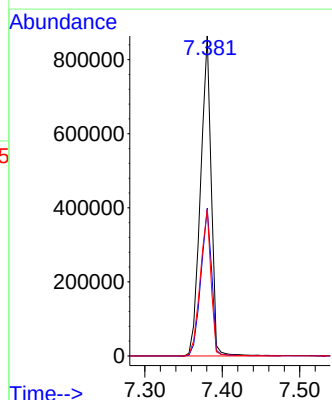
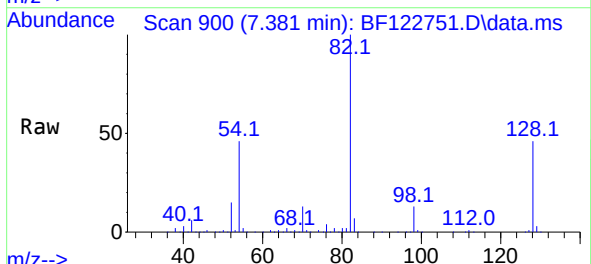
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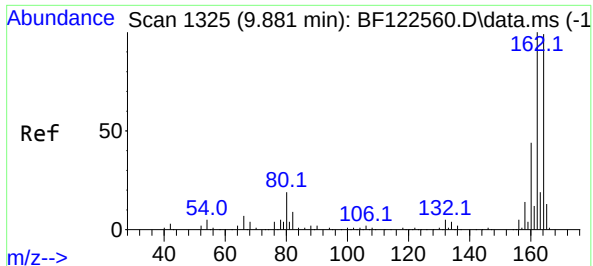
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#23
Nitrobenzene-d5
Concen: 54.15 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122751.D
Acq: 16 Dec 2020 15:43

Tgt Ion:	82	Resp:	829171
Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.0	55.4
54	45.9	38.4	57.6





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF122751.D

Acq: 16 Dec 2020 15:43

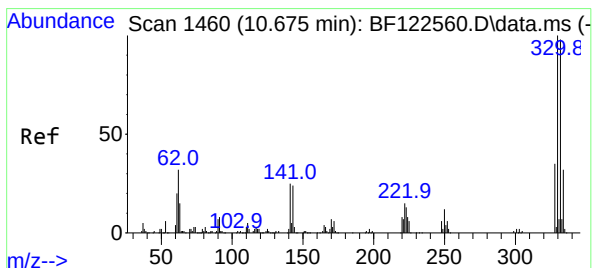
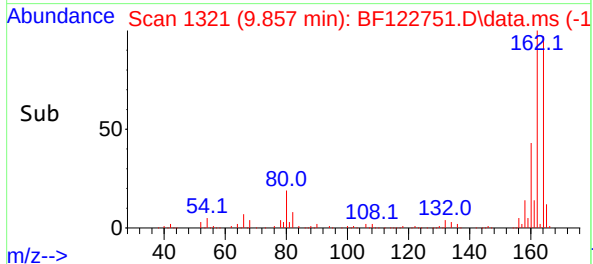
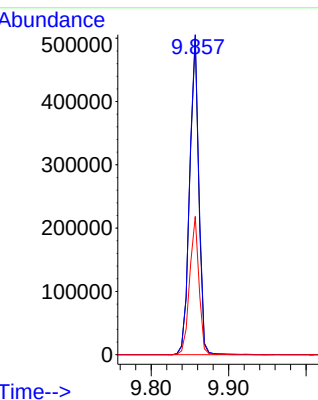
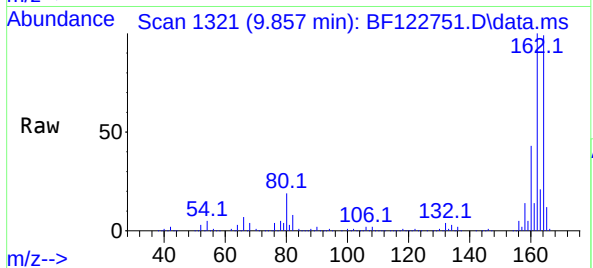
Tgt Ion:164 Resp: 408898

Ion Ratio Lower Upper

164 100

162 101.1 80.8 121.2

160 43.7 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 73.54 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF122751.D

Acq: 16 Dec 2020 15:43

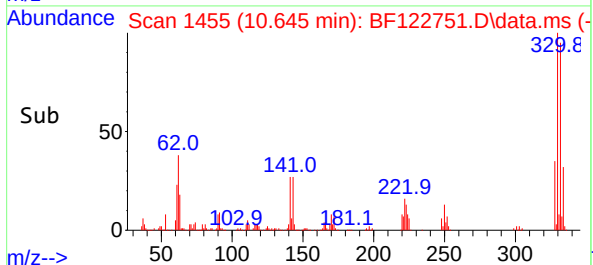
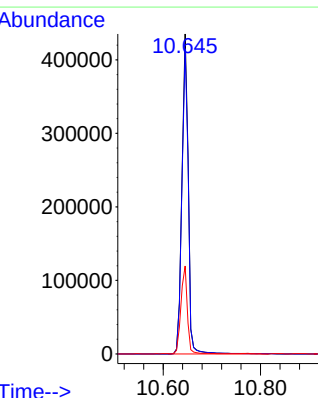
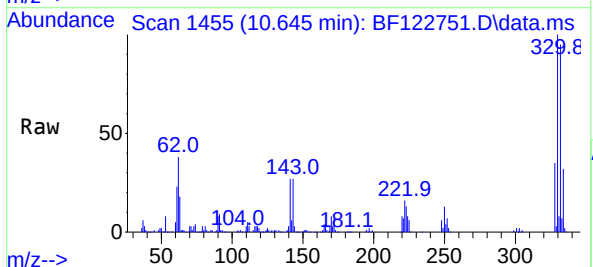
Tgt Ion:330 Resp: 393596

Ion Ratio Lower Upper

330 100

332 96.6 77.5 116.3

141 28.1 23.8 35.8



Instrument :

BNA_F

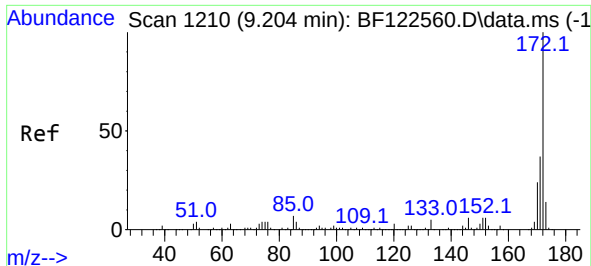
ClientSampleId :

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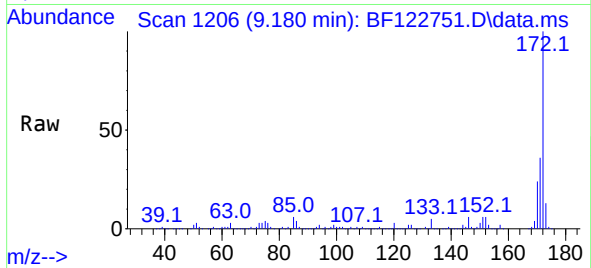
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#45
2-Fluorobiphenyl
Concen: 47.68 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122751.D
Acq: 16 Dec 2020 15:43

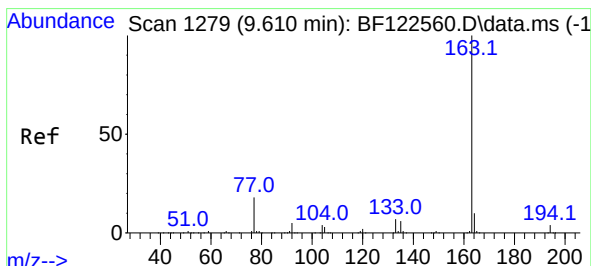
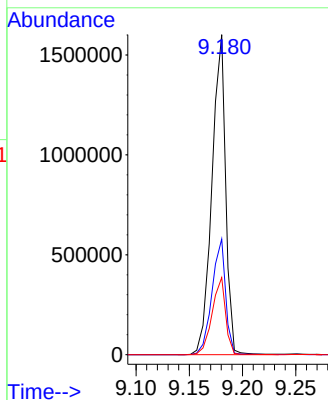
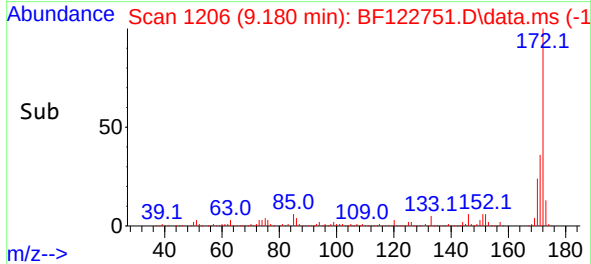
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ClientSampleId :
TR3-A-D-COMP



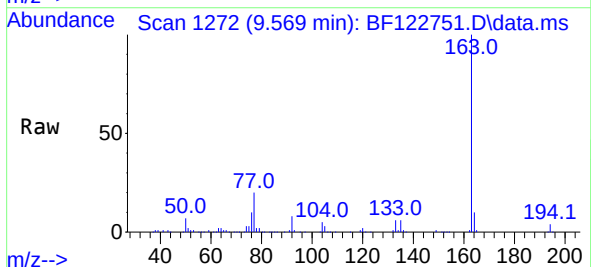
Tgt Ion:172 Resp: 1441483
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.1 19.5 29.3

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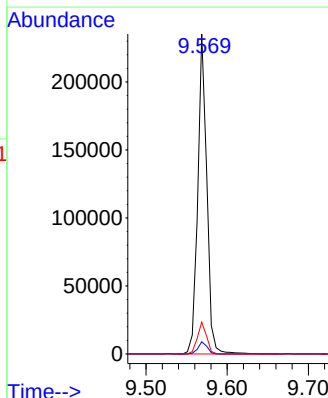
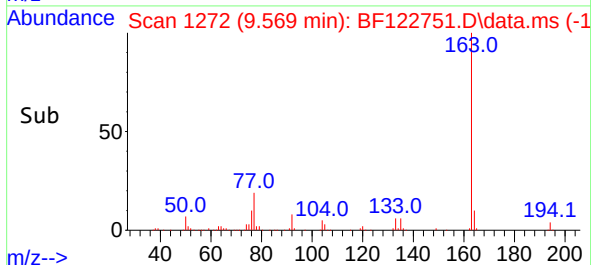
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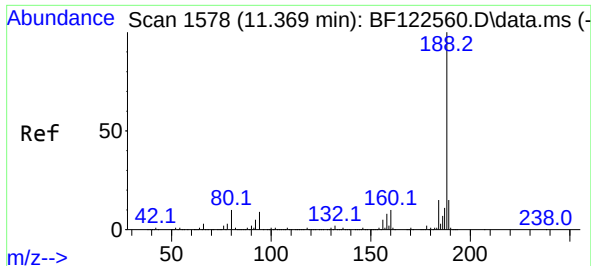


#50
Dimethylphthalate
Concen: 5.61 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.018 min
Lab File: BF122751.D
Acq: 16 Dec 2020 15:43



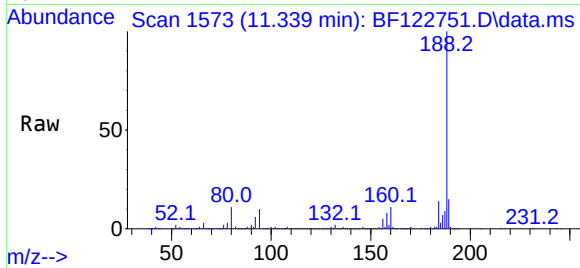
Tgt Ion:163 Resp: 183143
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 10.0 8.1 12.1





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122751.D
Acq: 16 Dec 2020 15:43

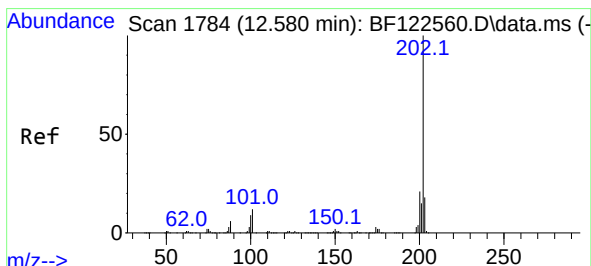
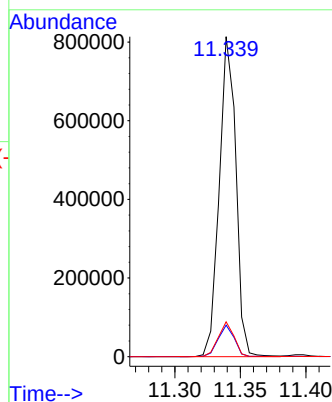
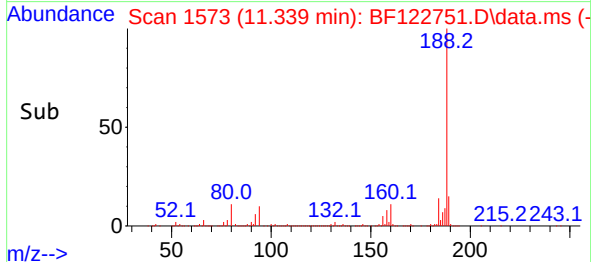
Instrument :
BNA_F
ClientSampleId :
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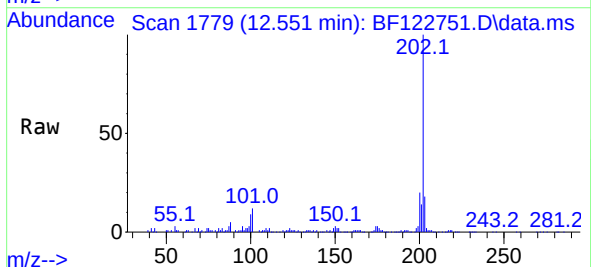
Tgt Ion:188 Resp: 715255
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 10.9 8.2 12.4

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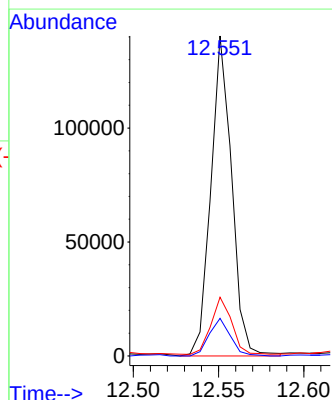
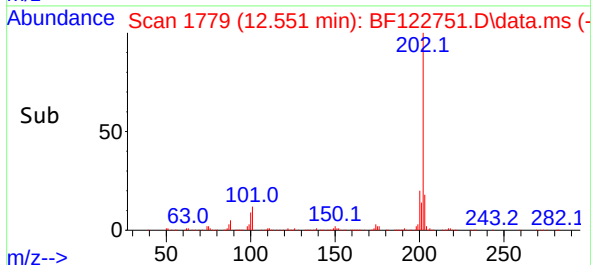
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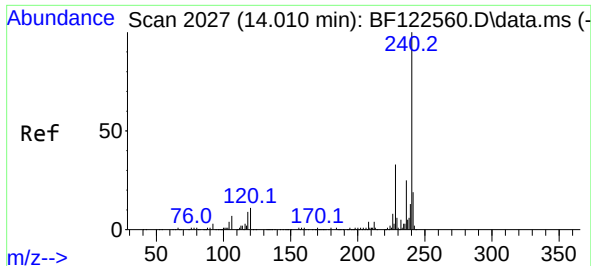


#75
Fluoranthene
Concen: 2.69 ng
RT: 12.551 min Scan# 1779
Delta R.T. -0.006 min
Lab File: BF122751.D
Acq: 16 Dec 2020 15:43



Tgt Ion:202 Resp: 119857
Ion Ratio Lower Upper
202 100
101 11.8 0.0 32.2
203 18.3 0.0 38.1





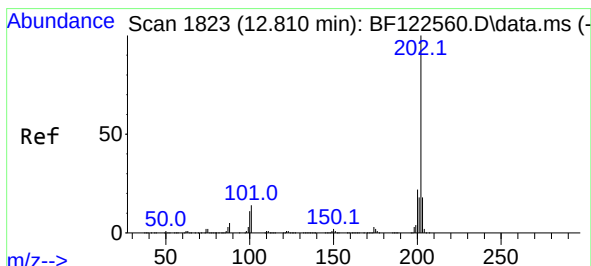
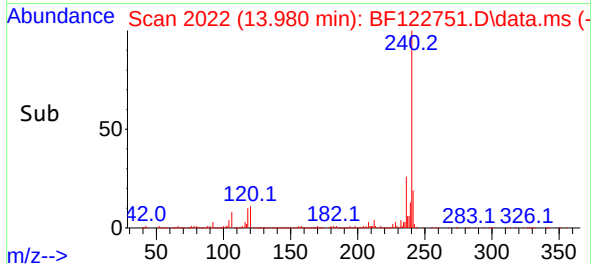
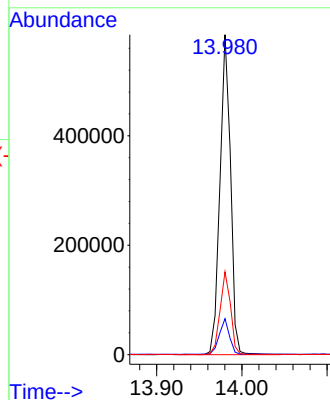
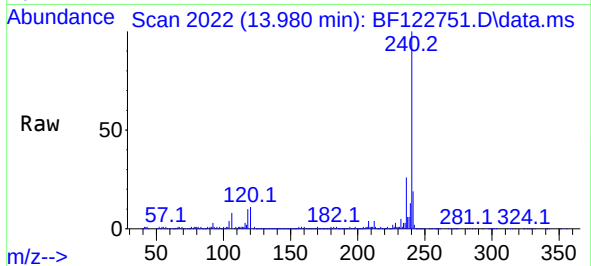
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF122751.D
Acq: 16 Dec 2020 15:43

Tgt Ion:240 Resp: 504843
Ion Ratio Lower Upper
240 100
120 11.3 8.6 12.8
236 25.9 20.3 30.5

Instrument :
BNA_F
ClientSampleId :
TR3-A-D-COMP

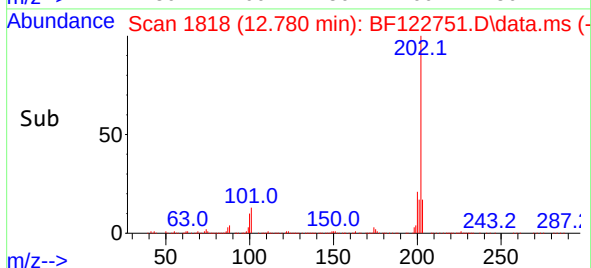
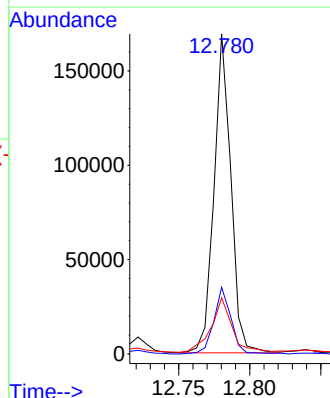
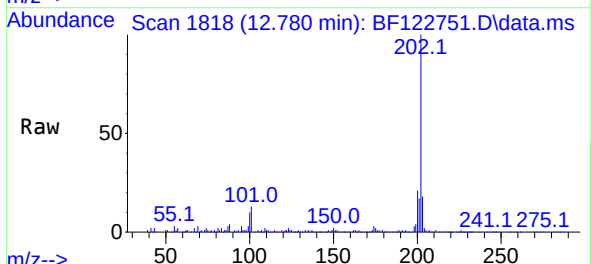
Manual Integrations
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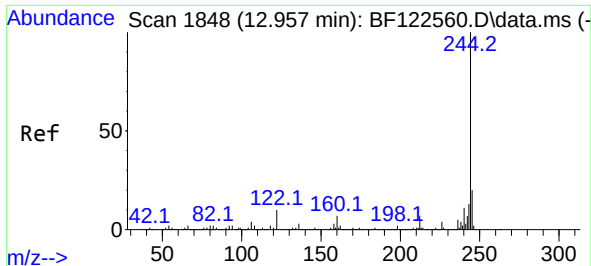
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#78
Pyrene
Concen: 3.58 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF122751.D
Acq: 16 Dec 2020 15:43

Tgt Ion:202 Resp: 139708
Ion Ratio Lower Upper
202 100
200 20.9 17.6 26.4
203 17.5 14.6 21.8





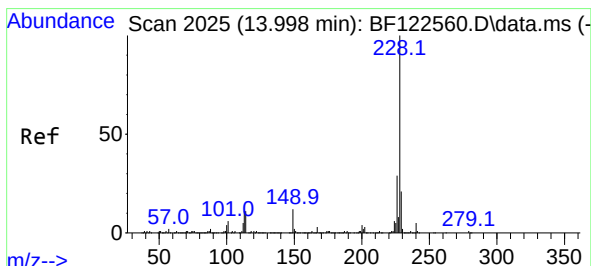
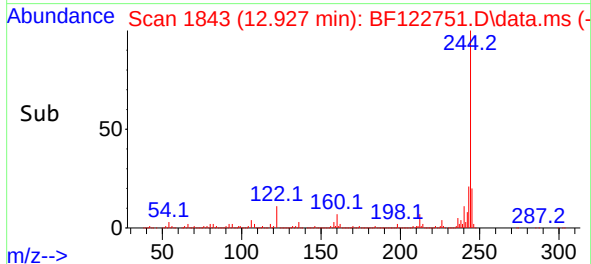
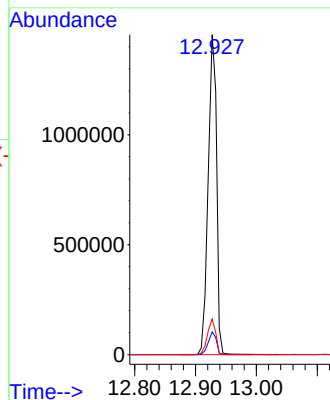
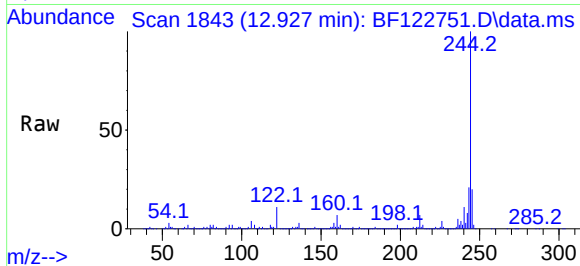
#79
Terphenyl-d14
Concen: 48.56 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF122751.D
Acq: 16 Dec 2020 15:43

Tgt Ion:244 Resp: 1400407
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 11.2 8.3 12.5

Instrument :
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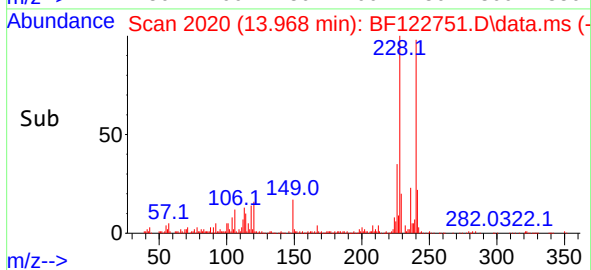
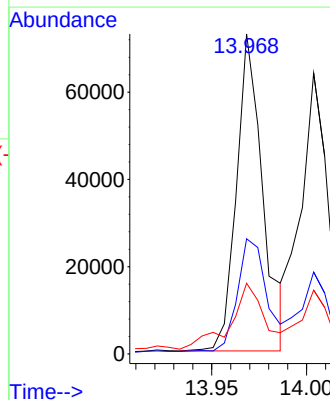
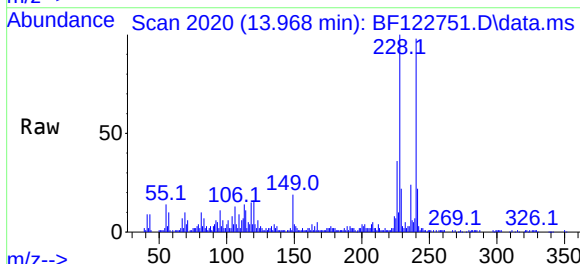
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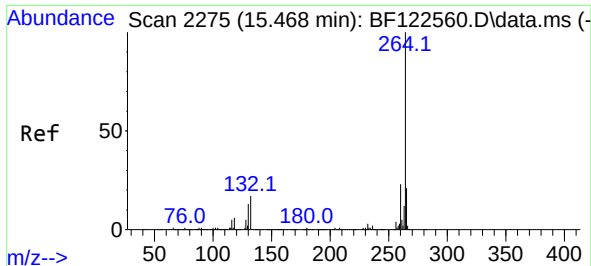
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#81
Benzo(a)anthracene
Concen: 2.08 ng m
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF122751.D
Acq: 16 Dec 2020 15:43

Tgt Ion:228 Resp: 70245
Ion Ratio Lower Upper
228 100
226 36.0 23.0 34.4#
229 22.1 16.6 24.8





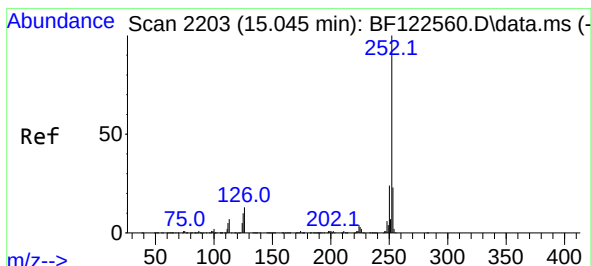
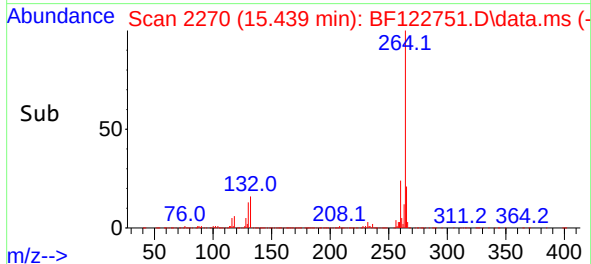
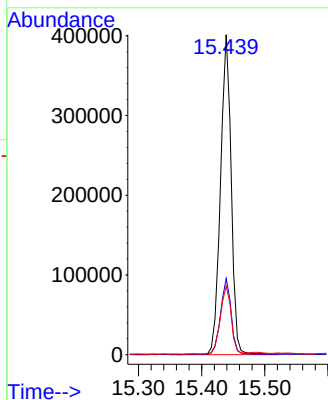
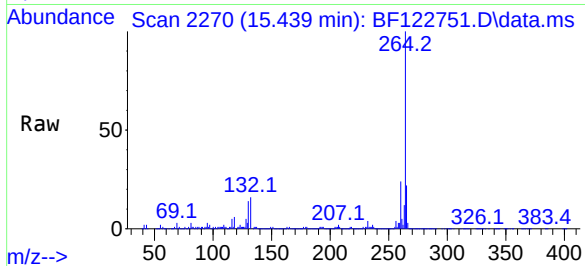
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.000 min
Lab File: BF122751.D
Acq: 16 Dec 2020 15:43

Tgt Ion:264 Resp: 474725
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 21.5 17.0 25.6

Instrument :
BNA_F
ClientSampleId :
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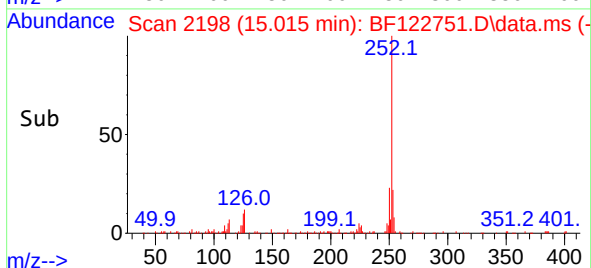
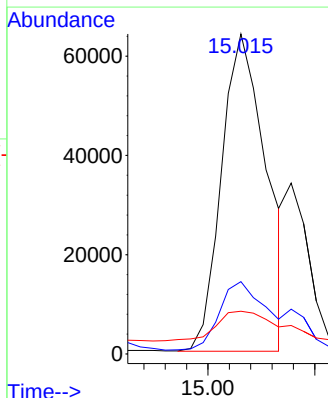
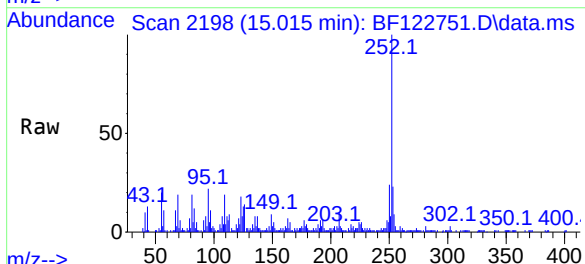
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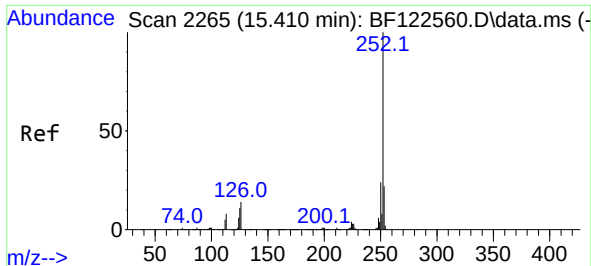
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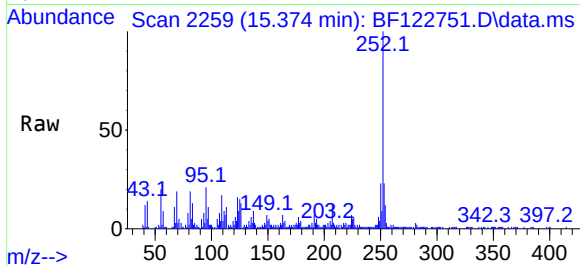
#88
Benzo(b)fluoranthene
Concen: 2.79 ng m
RT: 15.015 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF122751.D
Acq: 16 Dec 2020 15:43

Tgt Ion:252 Resp: 92888
Ion Ratio Lower Upper
252 100
253 22.6 18.3 27.5
125 13.4 8.1 12.1#

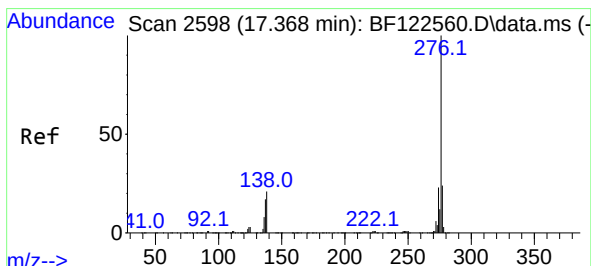
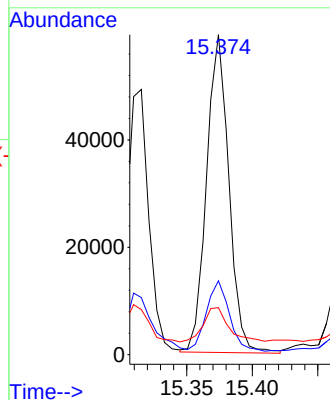
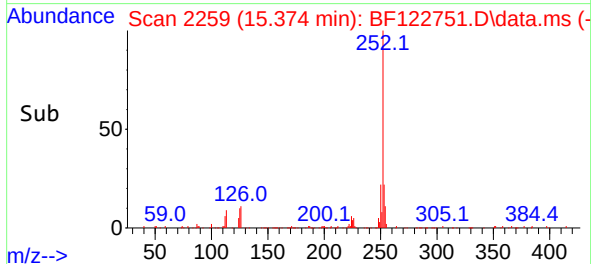




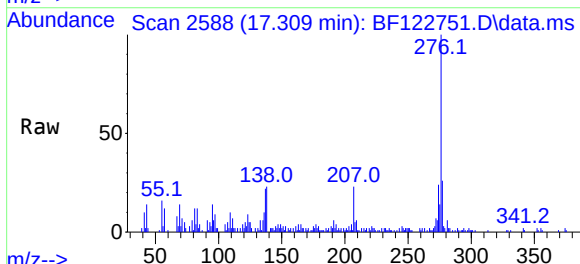
#90
Benzo(a)pyrene
Concen: 2.41 ng
RT: 15.374 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF122751.D
Acq: 16 Dec 2020 15:43



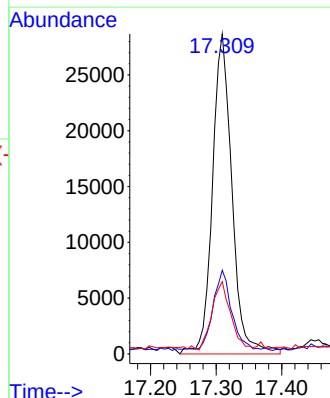
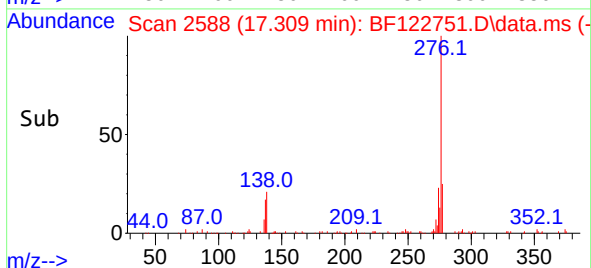
Tgt Ion: 252 Resp: 70204
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 14.7 8.6 12.8#



#92
Benzo(g,h,i)perylene
Concen: 2.40 ng
RT: 17.309 min Scan# 2588
Delta R.T. -0.018 min
Lab File: BF122751.D
Acq: 16 Dec 2020 15:43



Tgt Ion: 276 Resp: 59333
Ion Ratio Lower Upper
276 100
277 26.2 19.3 28.9
138 22.6 16.6 24.8



Instrument :
BNA_F
ClientSampleId :
TR3-A-D-COMP

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