

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121220\
 Data File : BF122690.D
 Acq On : 12 Dec 2020 21:18
 Operator : JU/CG
 Sample : L5045-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-78

Manual Integrations
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Quant Time: Dec 13 23:46:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	141866	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	544131	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	278507	20.00	ng	0.00
64) Phenanthrene-d10	11.357	188	484143	20.00	ng	-0.01
76) Chrysene-d12	13.998	240	357212	20.00	ng	-0.01
86) Perylene-d12	15.457	264	341701	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	720192	80.37	ng	0.00
7) Phenol-d6	6.463	99	907979	76.40	ng	-0.02
23) Nitrobenzene-d5	7.398	82	559411	51.51	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	238208	65.34	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	891535	43.30	ng	-0.01
79) Terphenyl-d14	12.945	244	785077	38.47	ng	-0.01
Target Compounds						
10) Phenol	6.475	94	52709	4.28	ng	Qvalue 92
50) Dimethylphthalate	9.586	163	80700	3.63	ng	# 98
75) Fluoranthene	12.568	202	99979	3.31	ng	99
78) Pyrene	12.798	202	89190	3.23	ng	98
83) Chrysene	14.021	228	53474	2.25	ng	97
88) Benzo(b)fluoranthene	15.033	252	70334m	2.93	ng	
92) Benzo(g,h,i)perylene	17.345	276	39447	2.22	ng	96

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

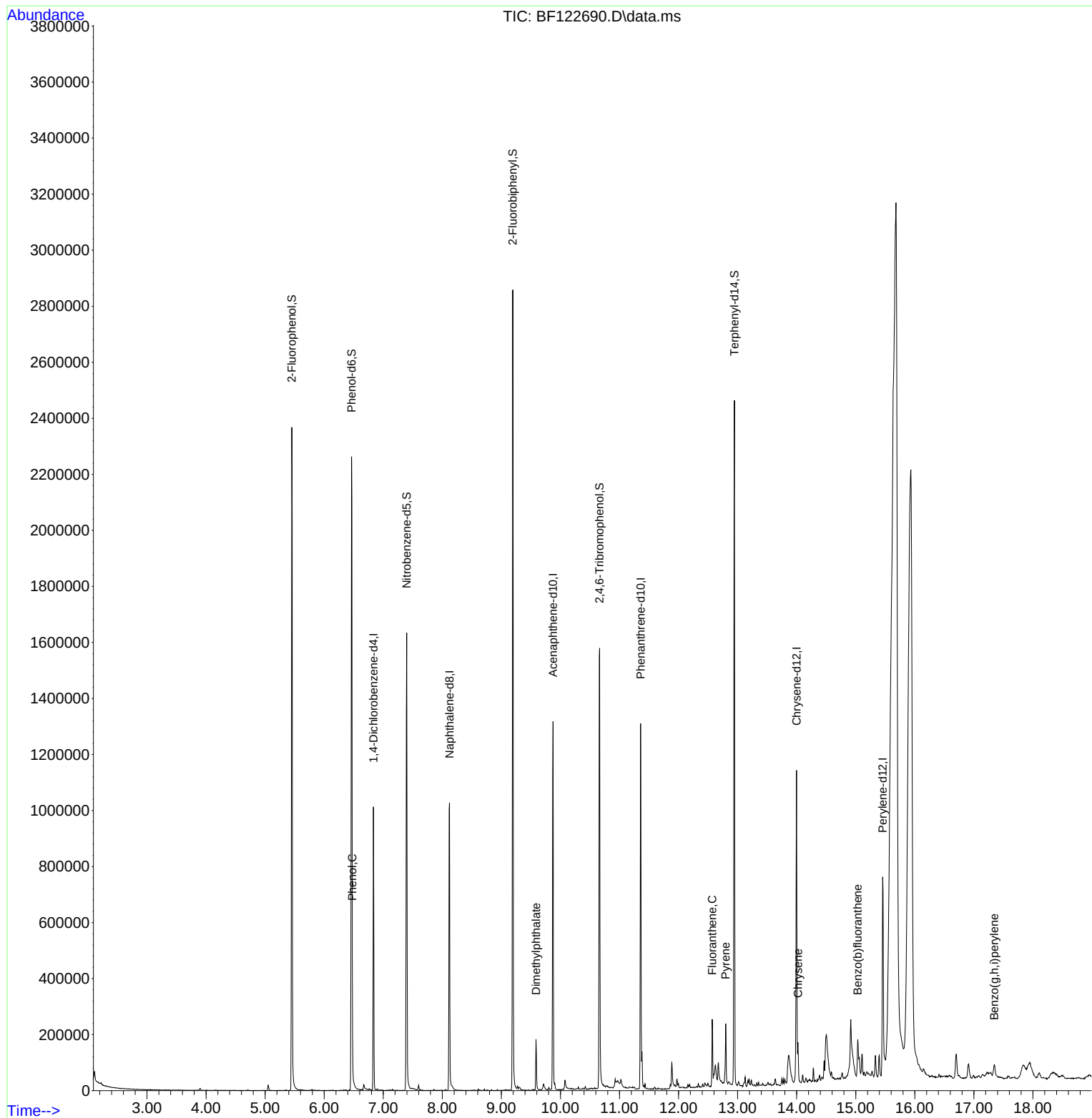
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121220\
Data File : BF122690.D
Acq On : 12 Dec 2020 21:18
Operator : JU/CG
Sample : L5045-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

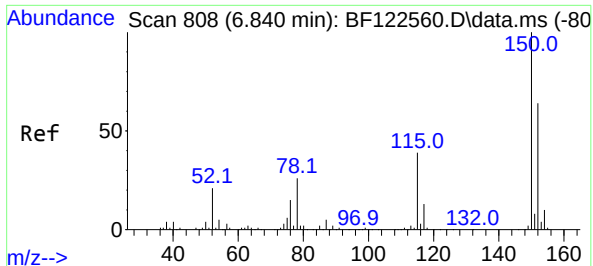
Instrument :
BNA_F
ClientSampleId :
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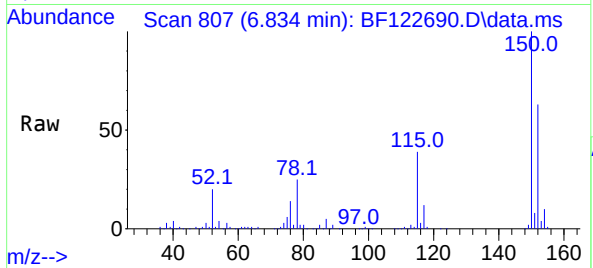
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Quant Time: Dec 13 23:46:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

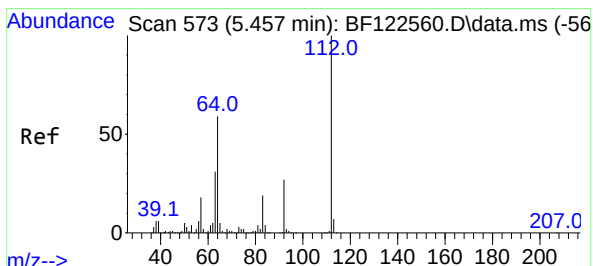
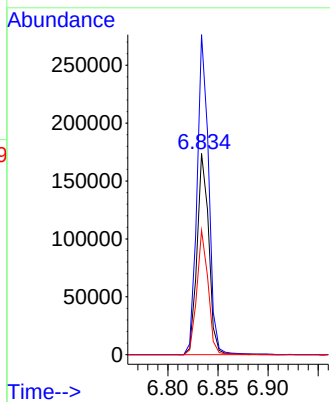
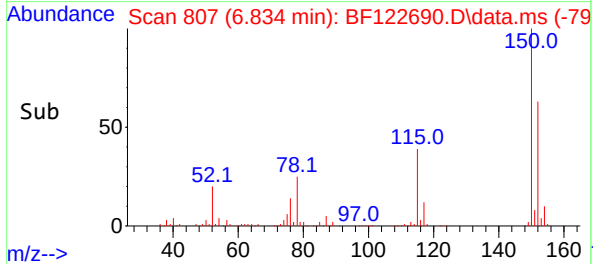




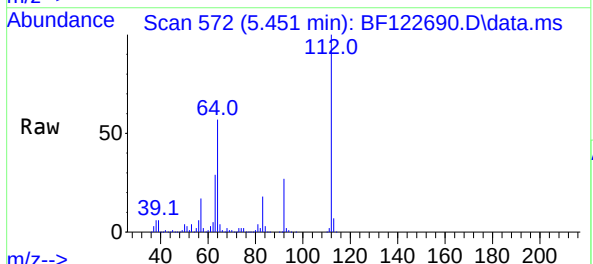
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF122690.D
Acq: 12 Dec 2020 21:18



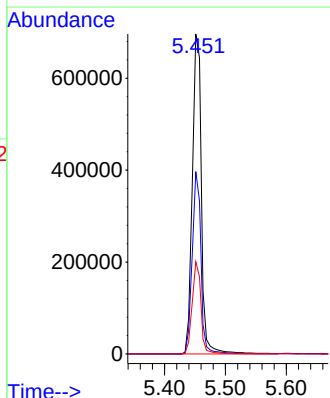
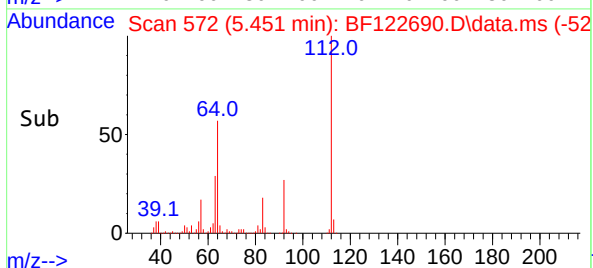
Tgt Ion:152 Resp: 141866
Ion Ratio Lower Upper
152 100
150 159.1 125.8 188.6
115 61.8 49.3 73.9



#5
2-Fluorophenol
Concen: 80.37 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.006 min
Lab File: BF122690.D
Acq: 12 Dec 2020 21:18



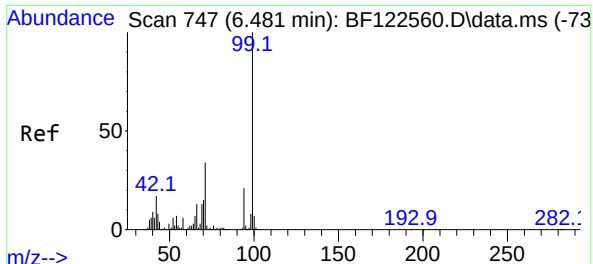
Tgt Ion:112 Resp: 720192
Ion Ratio Lower Upper
112 100
64 57.0 46.9 70.3
63 28.9 24.5 36.7



Instrument :
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ClientSampled :
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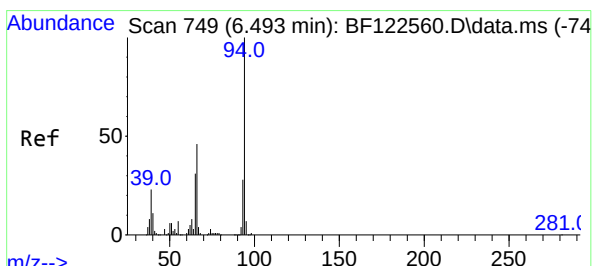
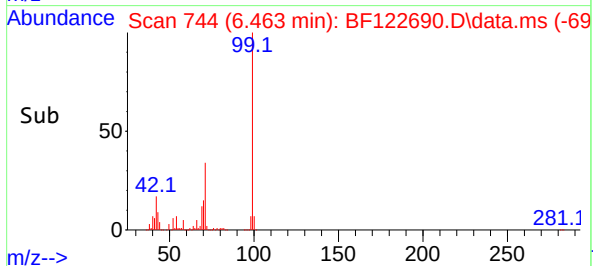
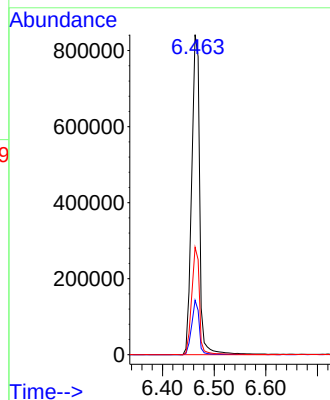
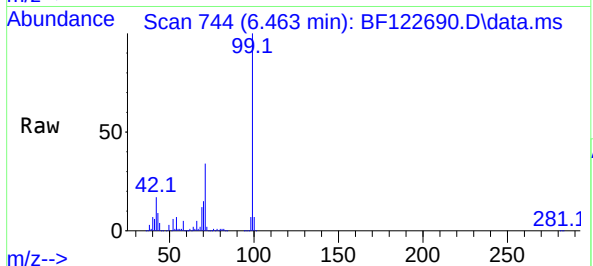
#7
Phenol-d6
Concen: 76.40 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF122690.D
Acq: 12 Dec 2020 21:18

Tgt Ion:	99	Resp:	907979
Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.8	20.6
71	33.6	26.9	40.3

Instrument :
BNA_F
ClientSampleId :
RBR-78

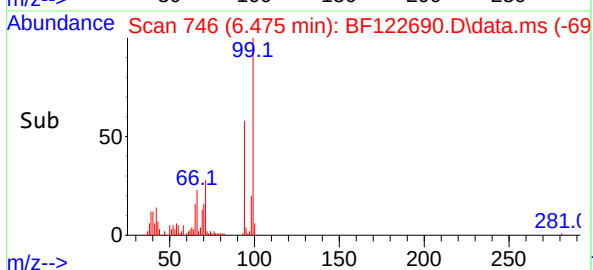
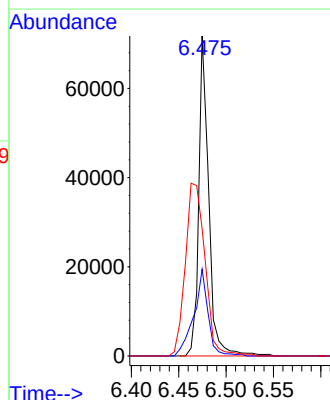
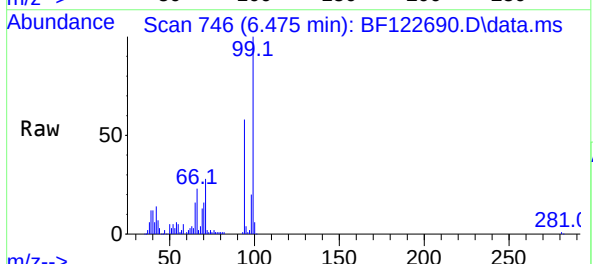
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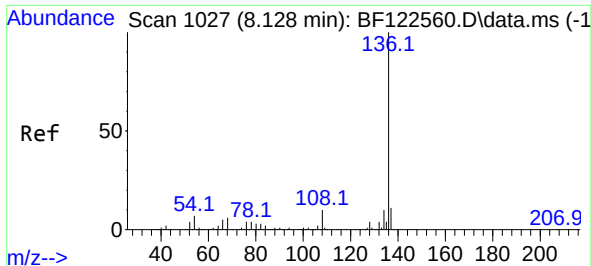
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#10
Phenol
Concen: 4.28 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.018 min
Lab File: BF122690.D
Acq: 12 Dec 2020 21:18

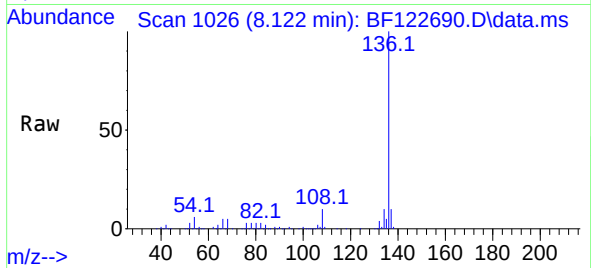
Tgt Ion:	94	Resp:	52709
Ion	Ratio	Lower	Upper
94	100		
65	27.1	11.2	51.2
66	39.8	25.8	65.8





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122690.D
Acq: 12 Dec 2020 21:18

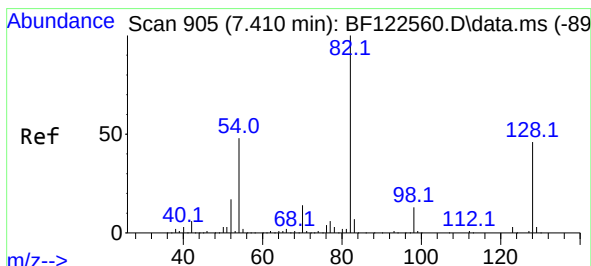
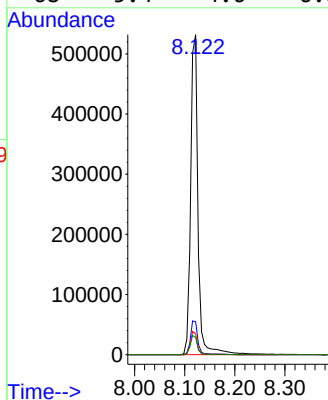
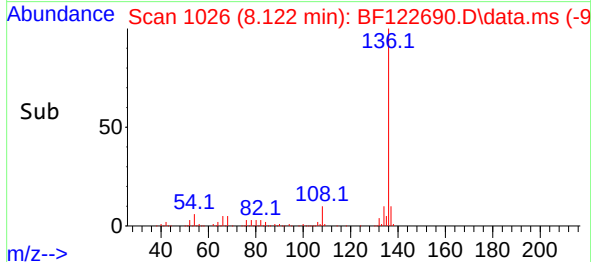
Instrument :
BNA_F
ClientSampled :
RBR-78



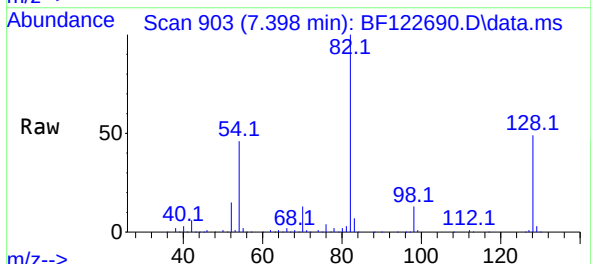
Tgt Ion:	136	Resp:	544131
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	6.5	5.5	8.3
68	5.4	4.6	6.8

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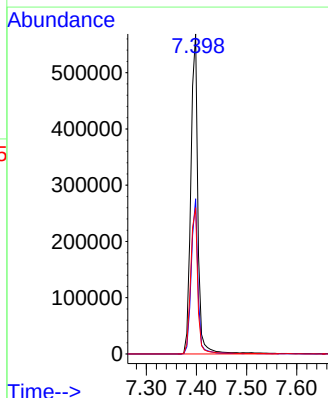
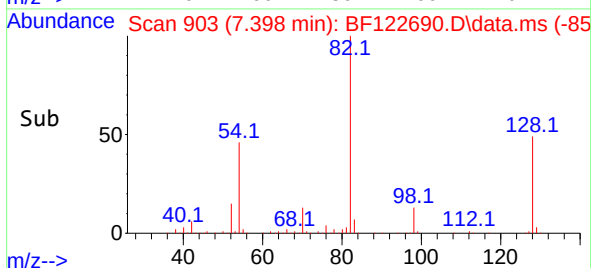
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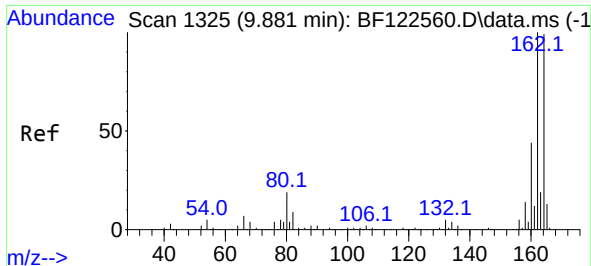


#23
Nitrobenzene-d5
Concen: 51.51 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF122690.D
Acq: 12 Dec 2020 21:18



Tgt Ion:	82	Resp:	559411
Ion	Ratio	Lower	Upper
82	100		
128	48.5	37.0	55.4
54	45.7	38.4	57.6





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.875 min Scan# 1324

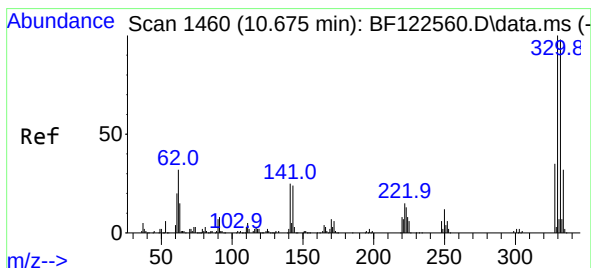
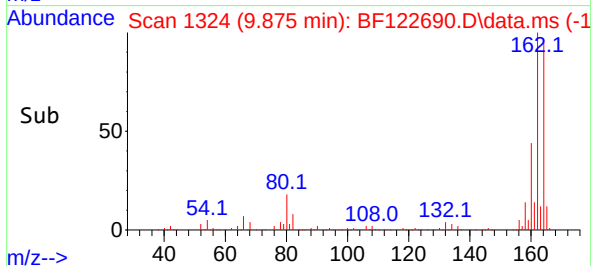
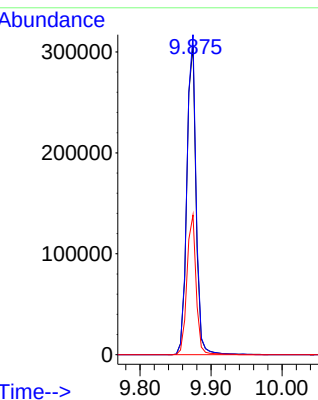
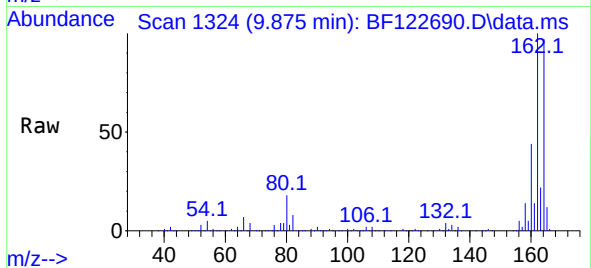
Delta R.T. -0.006 min

Lab File: BF122690.D

Acq: 12 Dec 2020 21:18

Tgt Ion:164 Resp: 278507

Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.8	121.2
160	45.2	35.4	53.0



#42

2,4,6-Tribromophenol

Concen: 65.34 ng

RT: 10.663 min Scan# 1458

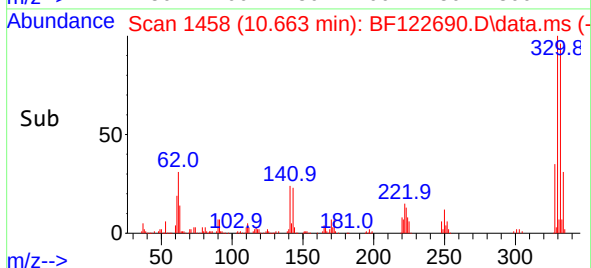
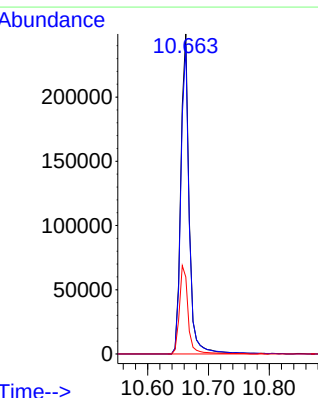
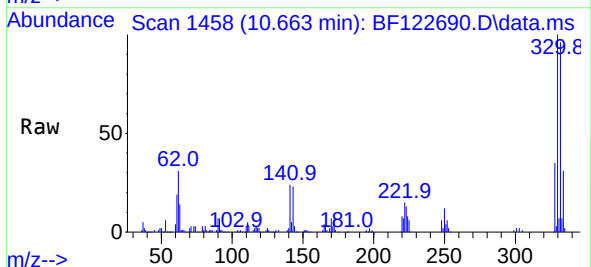
Delta R.T. -0.012 min

Lab File: BF122690.D

Acq: 12 Dec 2020 21:18

Tgt Ion:330 Resp: 238208

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.5	116.3
141	28.7	23.8	35.8



Instrument :

BNA_F

ClientSampled :

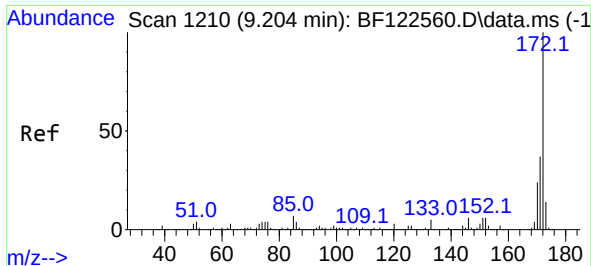
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Manual Integrations

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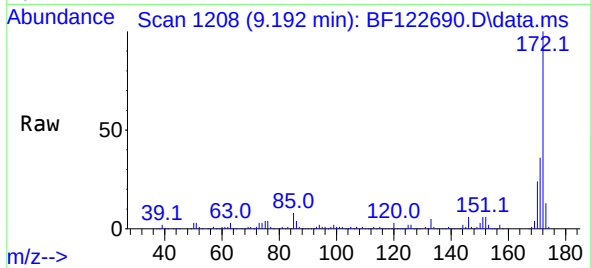
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#45
2-Fluorobiphenyl
Concen: 43.30 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF122690.D
Acq: 12 Dec 2020 21:18

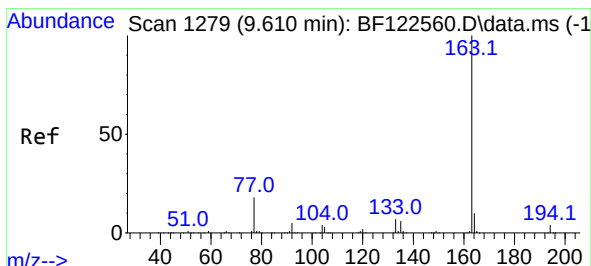
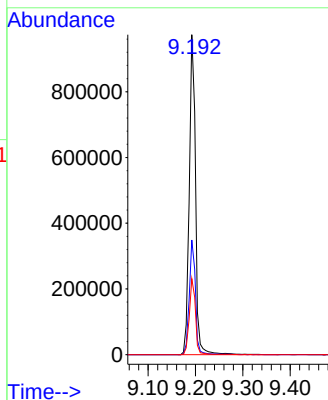
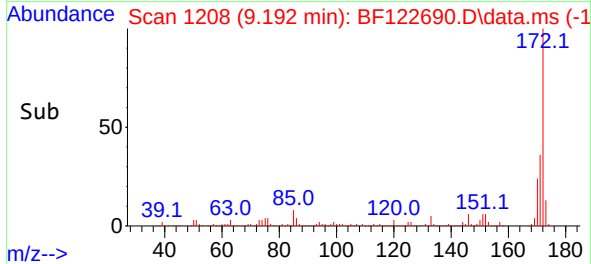
Instrument :
BNA_F
ClientSampled :
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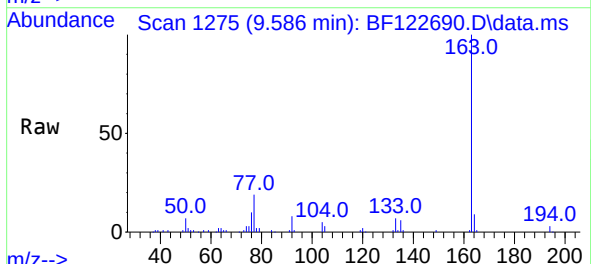
Tgt Ion:172 Resp: 891535
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 23.7 19.5 29.3

Manual Integrations
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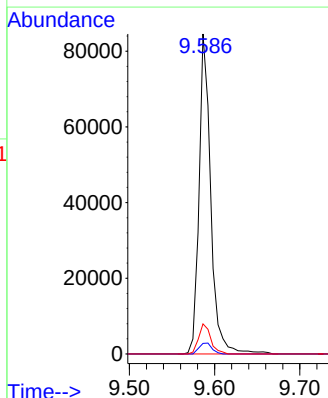
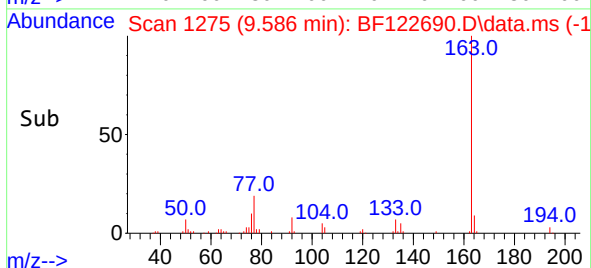
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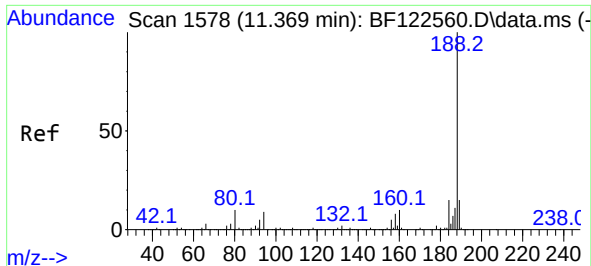


#50
Dimethylphthalate
Concen: 3.63 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.024 min
Lab File: BF122690.D
Acq: 12 Dec 2020 21:18



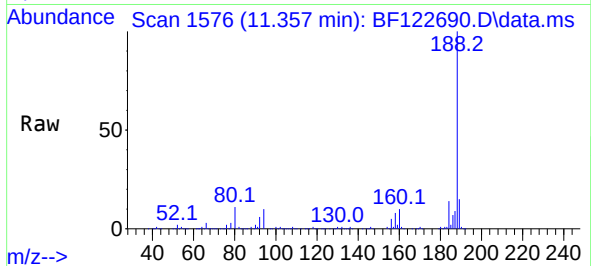
Tgt Ion:163 Resp: 80700
Ion Ratio Lower Upper
163 100
194 3.3 3.4 5.0#
164 9.4 8.1 12.1





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BF122690.D
Acq: 12 Dec 2020 21:18

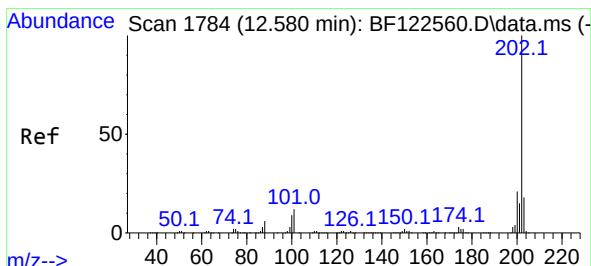
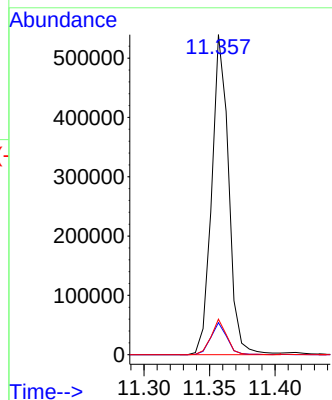
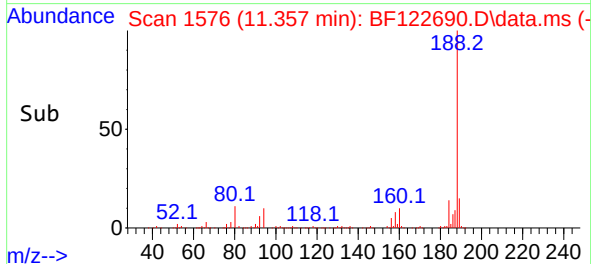
Instrument :
BNA_F
ClientSampleId :
RBR-78



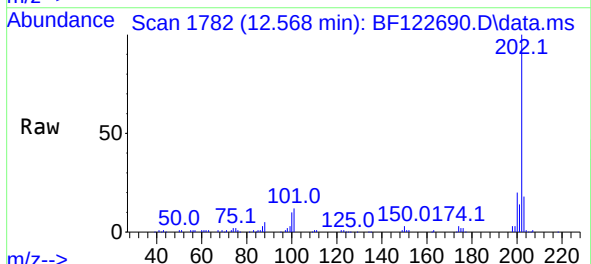
Tgt Ion:188 Resp: 484143
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.2
80 11.1 8.2 12.4

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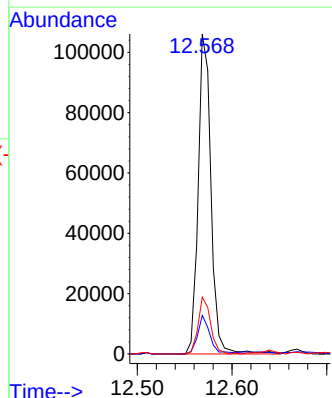
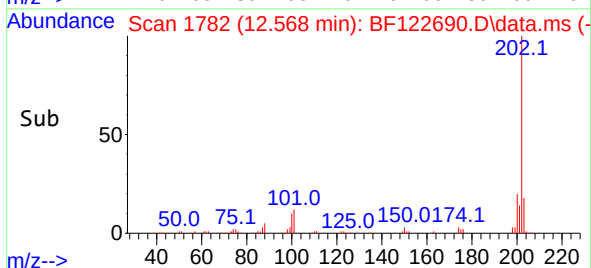
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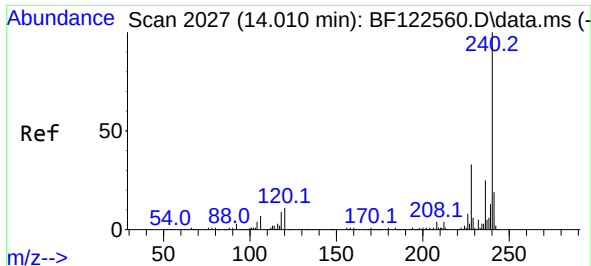


#75
Fluoranthene
Concen: 3.31 ng
RT: 12.568 min Scan# 1782
Delta R.T. -0.012 min
Lab File: BF122690.D
Acq: 12 Dec 2020 21:18

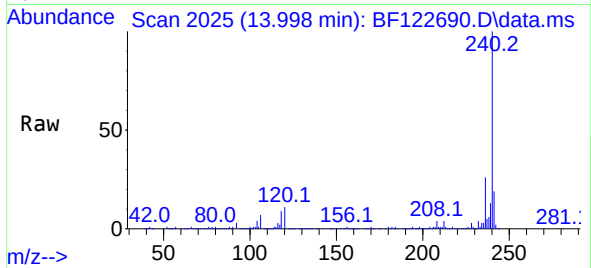


Tgt Ion:202 Resp: 99979
Ion Ratio Lower Upper
202 100
101 12.1 0.0 32.2
203 17.8 0.0 38.1





#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122690.D
Acq: 12 Dec 2020 21:18

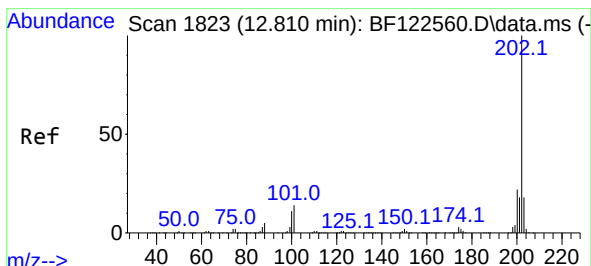
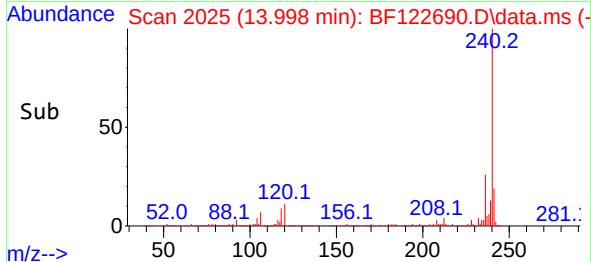
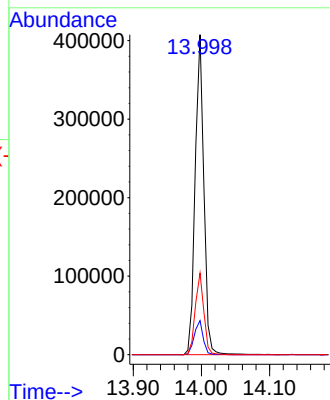


Tgt Ion:240 Resp: 357212
Ion Ratio Lower Upper
240 100
120 10.7 8.6 12.8
236 25.5 20.3 30.5

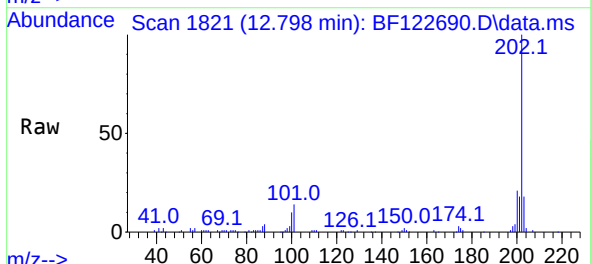
Instrument :
BNA_F
ClientSampled :
RBR-78

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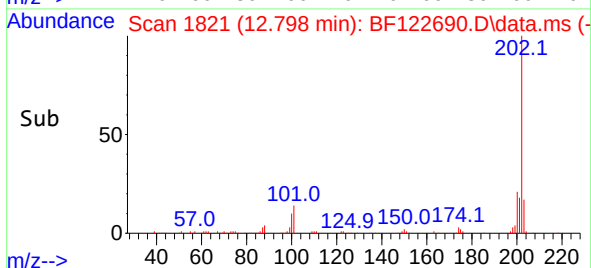
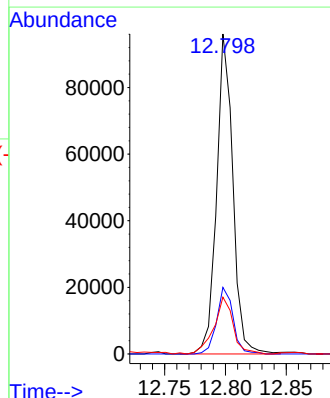
mohammad
12/15/2020 12:17:59 PM

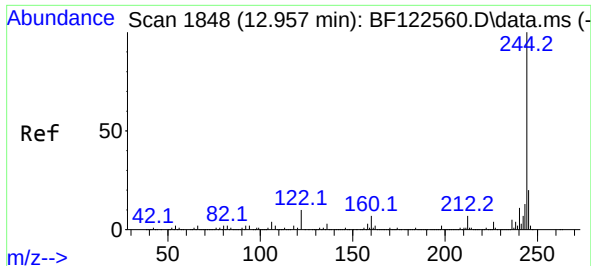


#78
Pyrene
Concen: 3.23 ng
RT: 12.798 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BF122690.D
Acq: 12 Dec 2020 21:18

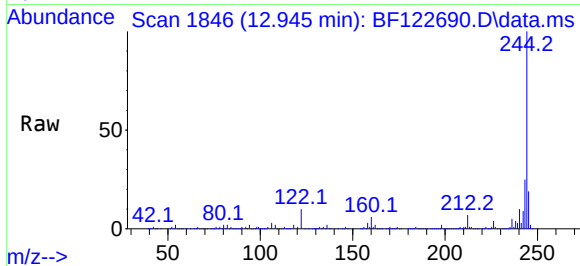


Tgt Ion:202 Resp: 89190
Ion Ratio Lower Upper
202 100
200 20.8 17.6 26.4
203 17.7 14.6 21.8

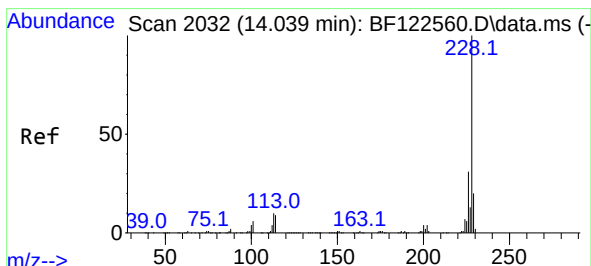
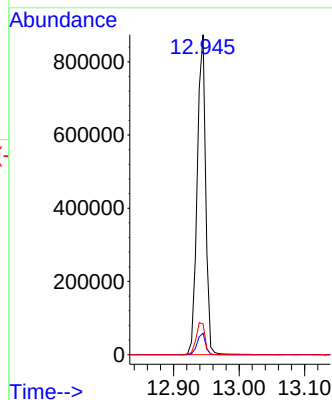
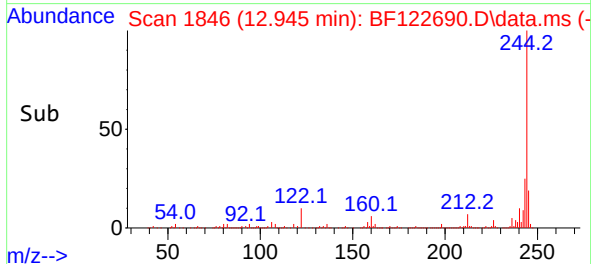




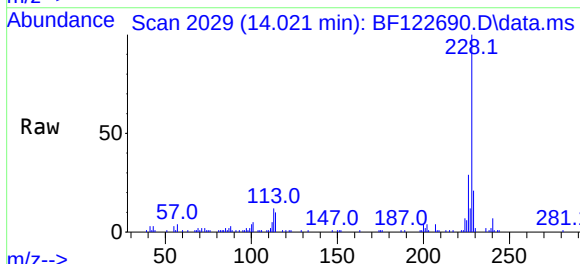
#79
Terphenyl-d14
Concen: 38.47 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.012 min
Lab File: BF122690.D
Acq: 12 Dec 2020 21:18



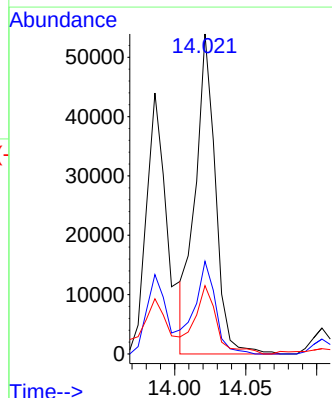
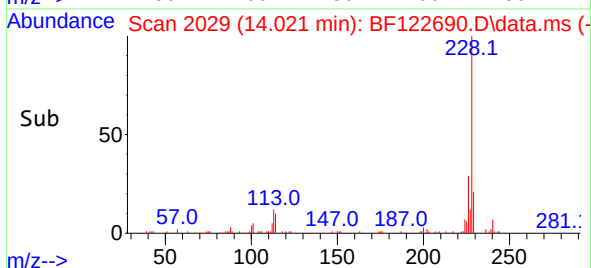
Tgt Ion:244 Resp: 785077
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 9.7 8.3 12.5



#83
Chrysene
Concen: 2.25 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.018 min
Lab File: BF122690.D
Acq: 12 Dec 2020 21:18



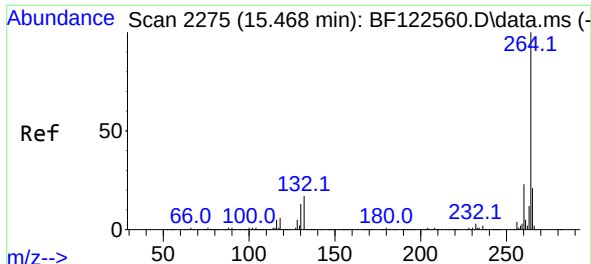
Tgt Ion:228 Resp: 53474
Ion Ratio Lower Upper
228 100
226 29.0 24.6 36.8
229 21.4 15.8 23.6



Instrument :
BNA_F
ClientSampleId :
RBR-78

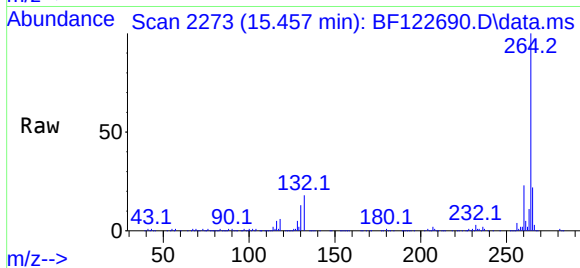
Manual Integrations
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12/15/2020 12:17:59 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.457 min Scan# 2273
Delta R.T. -0.012 min
Lab File: BF122690.D
Acq: 12 Dec 2020 21:18

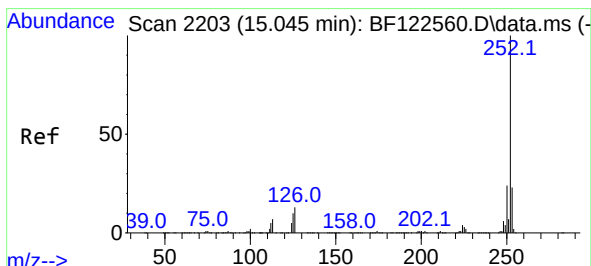
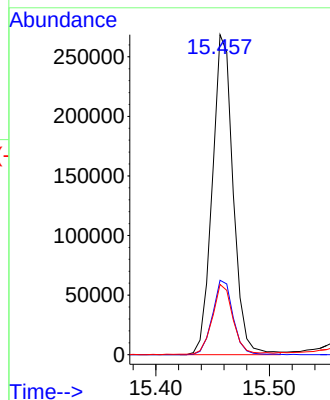
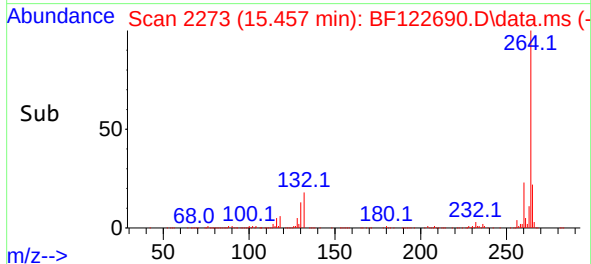
Instrument :
BNA_F
ClientSampled :
RBR-78



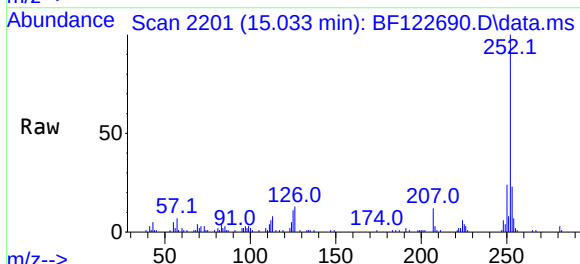
Tgt Ion:264 Resp: 341701
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 22.0 17.0 25.6

Manual Integrations
APPROVED

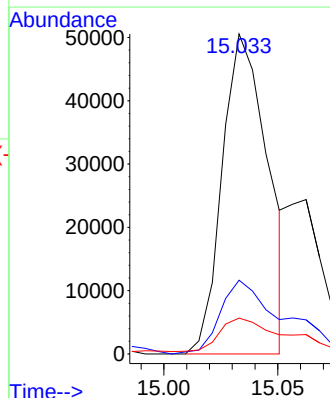
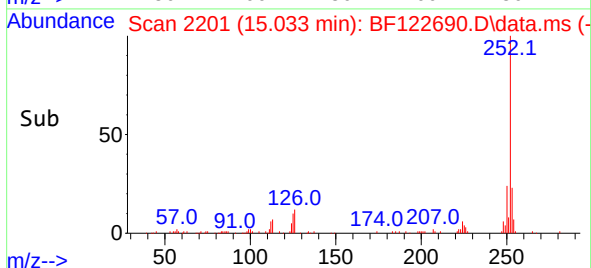
mohammad
12/15/2020 12:17:59 PM

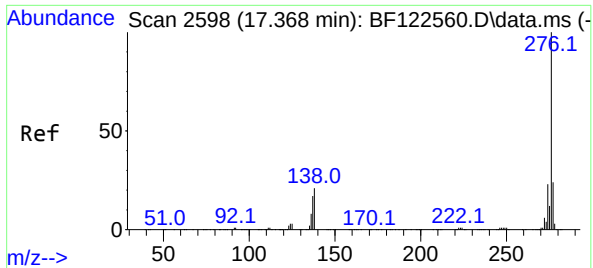


#88
Benzo(b)fluoranthene
Concen: 2.93 ng m
RT: 15.033 min Scan# 2201
Delta R.T. -0.012 min
Lab File: BF122690.D
Acq: 12 Dec 2020 21:18



Tgt Ion:252 Resp: 70334
Ion Ratio Lower Upper
252 100
253 23.0 18.3 27.5
125 11.2 8.1 12.1





#92
 Benzo(g,h,i)perylene
 Concen: 2.22 ng
 RT: 17.345 min Scan# 2594
 Delta R.T. -0.024 min
 Lab File: BF122690.D
 Acq: 12 Dec 2020 21:18

Tgt Ion:	276	Resp:	39447
Ion Ratio	Lower	Upper	
276	100		
277	22.7	19.3	28.9
138	22.8	16.6	24.8

Instrument :
 BNA_F
 ClientSampleId :
 RBR-78

Manual Integrations
 APPROVED

mohammad
 12/15/2020 12:17:59 PM

