

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
 Data File : BF122749.D
 Acq On : 16 Dec 2020 14:40
 Operator : JU/CG
 Sample : L5091-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-20426

Manual Integrations
 APPROVED

mohammad
 12/17/2020 11:38:18 AM

Quant Time: Dec 17 01:11:36 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	204604	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	820696	20.00	ng	-0.01
39) Acenaphthene-d10	9.857	164	434611	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	757030	20.00	ng	0.00
76) Chrysene-d12	13.980	240	525468	20.00	ng	0.00
86) Perylene-d12	15.439	264	494327	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1256147	97.20	ng	0.01
7) Phenol-d6	6.451	99	1622372	94.65	ng	0.00
23) Nitrobenzene-d5	7.381	82	1025566	62.61	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	510812	89.79	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1811584	56.38	ng	0.00
79) Terphenyl-d14	12.933	244	1765171	58.80	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.463	94	39201	2.21	ng	84
50) Dimethylphthalate	9.569	163	179652	5.18	ng	100
71) Phenanthrene	11.363	178	261735	5.82	ng	98
75) Fluoranthene	12.551	202	345603	7.33	ng	99
78) Pyrene	12.780	202	435853	10.73	ng	98
81) Benzo(a)anthracene	13.968	228	198358	5.65	ng	98
83) Chrysene	14.004	228	209398	5.99	ng	97
87) Indeno(1,2,3-cd)pyrene	16.874	276	112800	3.48	ng	97
88) Benzo(b)fluoranthene	15.015	252	220019m	6.34	ng	
89) Benzo(k)fluoranthene	15.039	252	63874m	2.01	ng	
90) Benzo(a)pyrene	15.374	252	157816	5.20	ng	97
92) Benzo(g,h,i)perylene	17.309	276	124212	4.83	ng	97

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

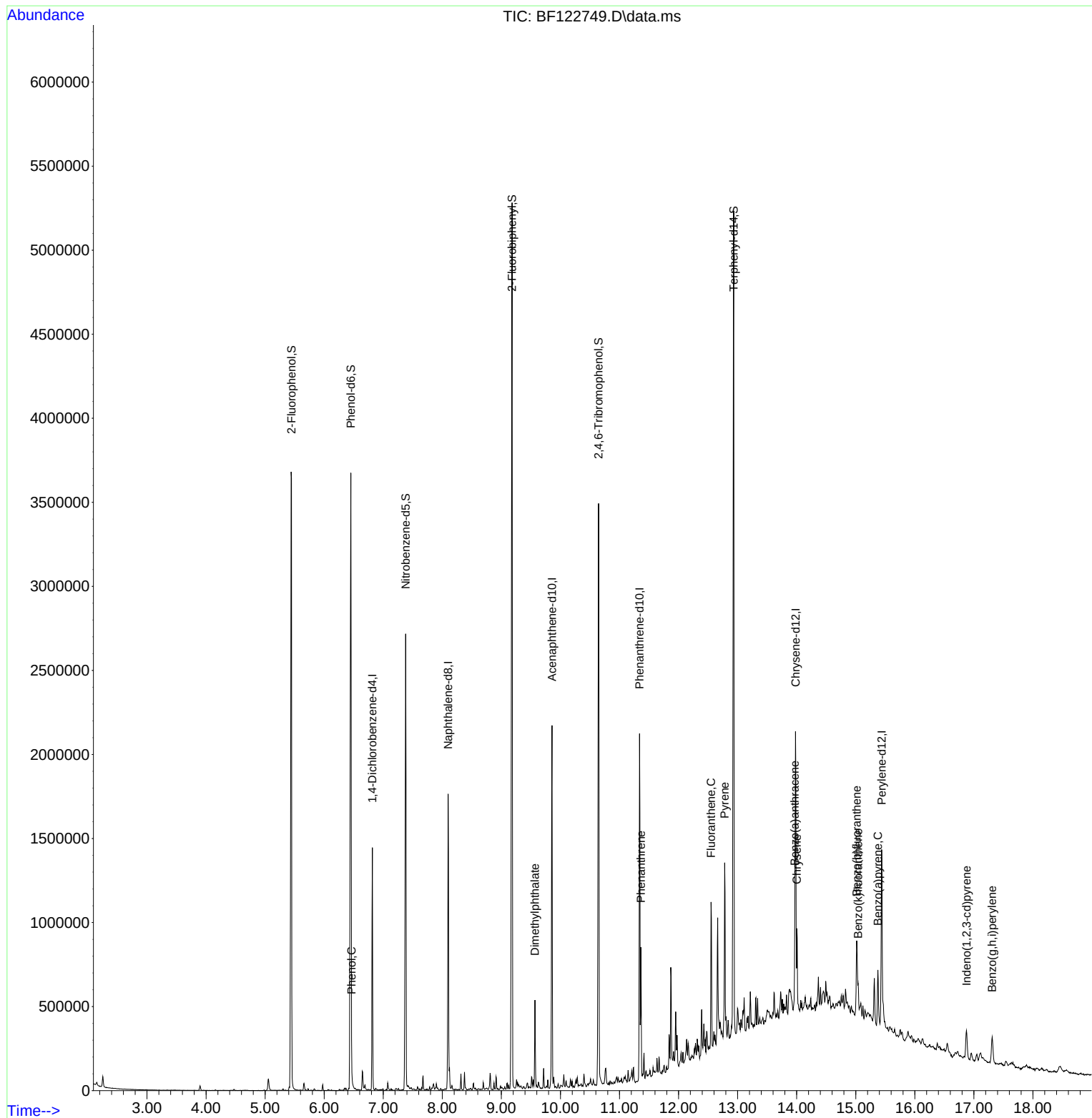
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Data File : BF122749.D
Acq On : 16 Dec 2020 14:40
Operator : JU/CG
Sample : L5091-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

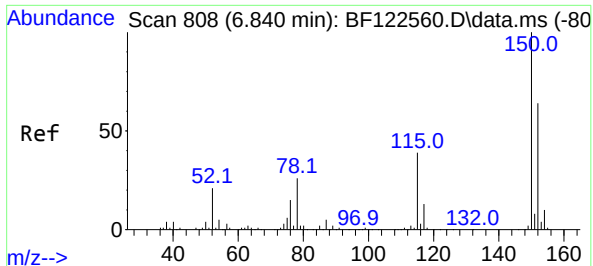
Instrument :
BNA_F
ClientSampleId :
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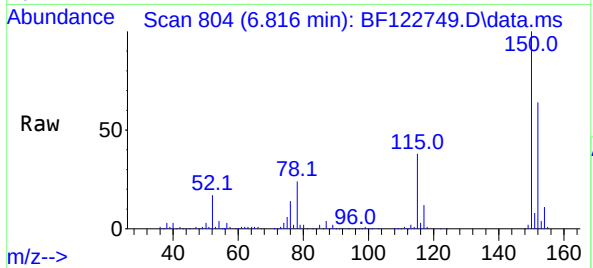
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Quant Time: Dec 17 01:11:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

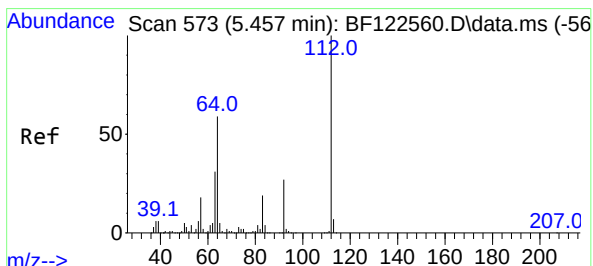
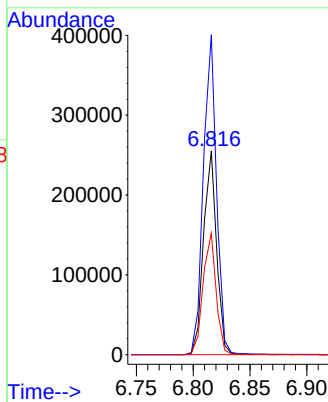
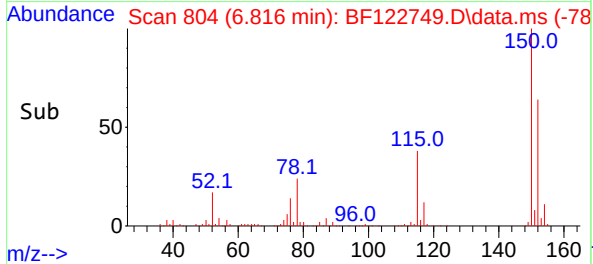




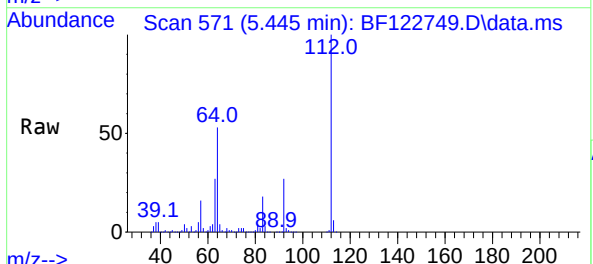
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122749.D
Acq: 16 Dec 2020 14:40



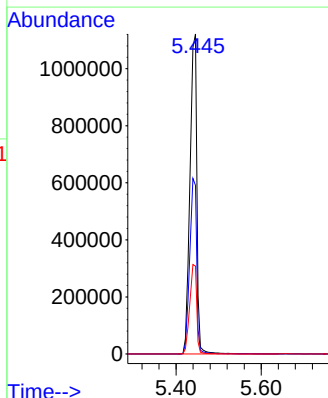
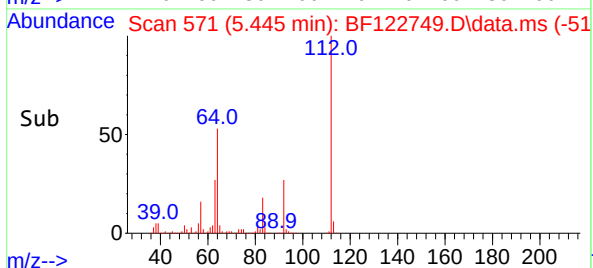
Tgt Ion:152 Resp: 204604
Ion Ratio Lower Upper
152 100
150 157.0 125.8 188.6
115 59.6 49.3 73.9



#5
2-Fluorophenol
Concen: 97.20 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF122749.D
Acq: 16 Dec 2020 14:40



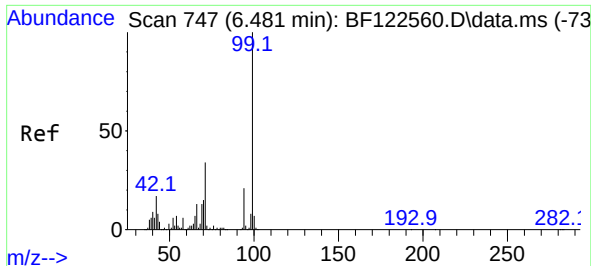
Tgt Ion:112 Resp: 1256147
Ion Ratio Lower Upper
112 100
64 52.7 46.9 70.3
63 27.5 24.5 36.7



Instrument :
BNA_F
ClientSampled :
CHRT-20426

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#7
Phenol-d6
Concen: 94.65 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF122749.D
Acq: 16 Dec 2020 14:40

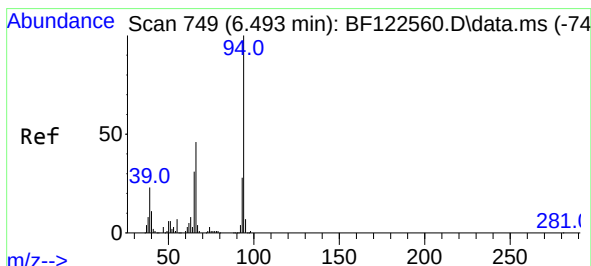
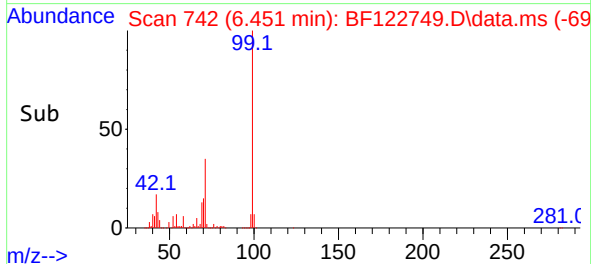
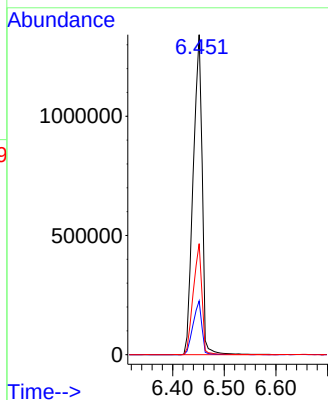
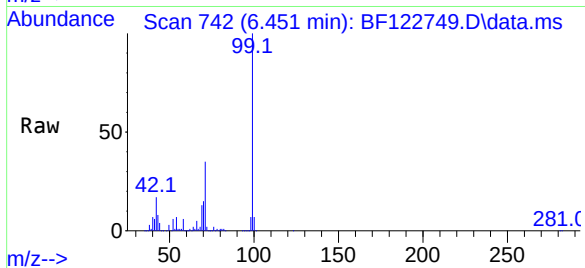
Tgt Ion: 99 Resp: 1622372

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.8	20.6
71	34.7	26.9	40.3

Instrument :
BNA_F
ClientSampleId :
CHRT-20426

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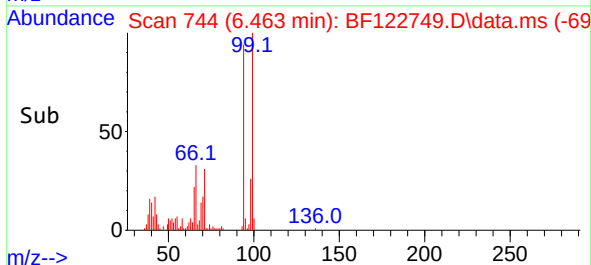
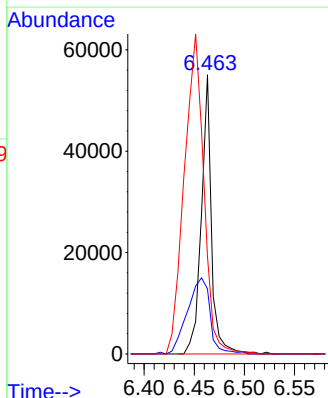
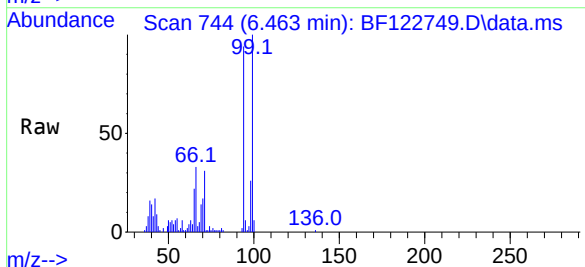
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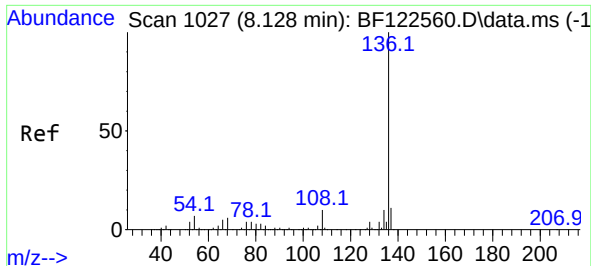


#10
Phenol
Concen: 2.21 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF122749.D
Acq: 16 Dec 2020 14:40

Tgt Ion: 94 Resp: 39201

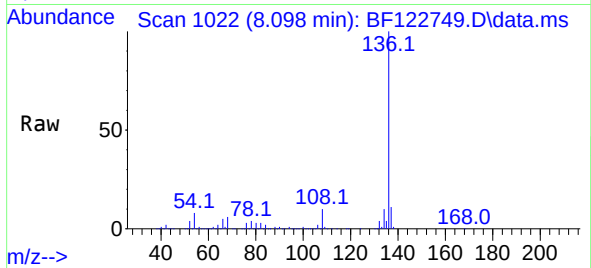
Ion	Ratio	Lower	Upper
94	100		
65	23.3	11.2	51.2
66	34.8	25.8	65.8





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF122749.D
Acq: 16 Dec 2020 14:40

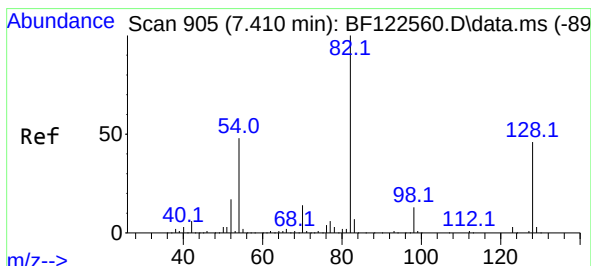
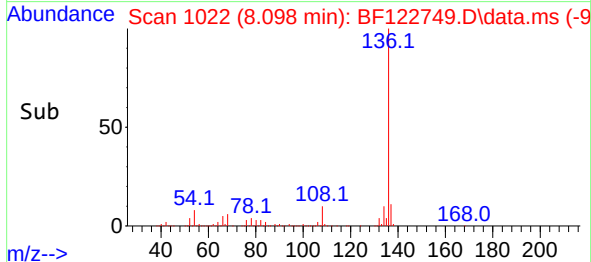
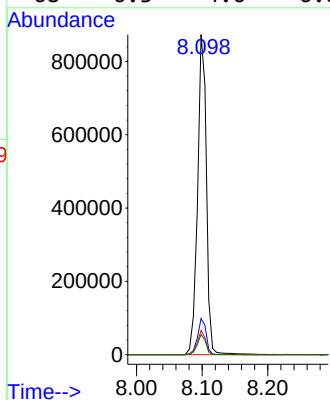
Instrument :
BNA_F
ClientSampleId :
CHRT-20426



Tgt Ion:136 Resp: 820696
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 7.6 5.5 8.3
68 6.3 4.6 6.8

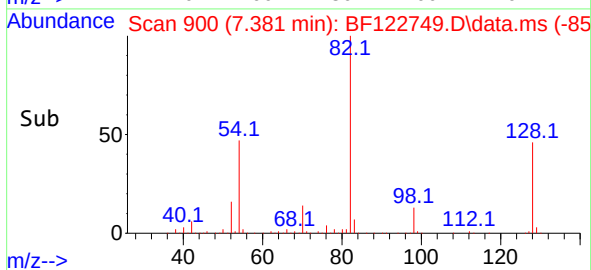
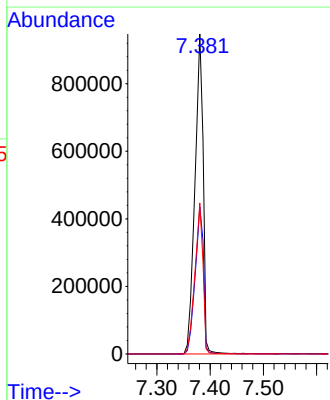
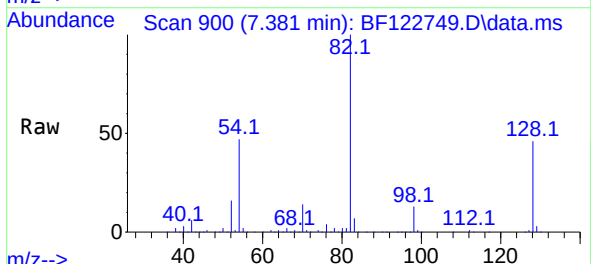
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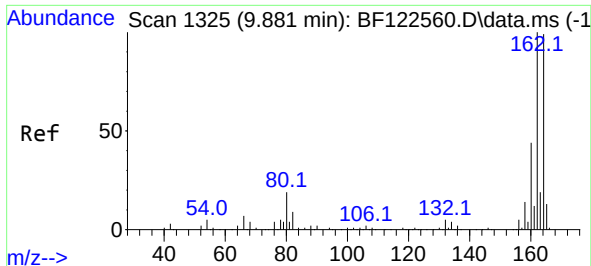
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#23
Nitrobenzene-d5
Concen: 62.61 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122749.D
Acq: 16 Dec 2020 14:40

Tgt Ion: 82 Resp: 1025566
Ion Ratio Lower Upper
82 100
128 45.9 37.0 55.4
54 47.2 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: BF122749.D

Acq: 16 Dec 2020 14:40

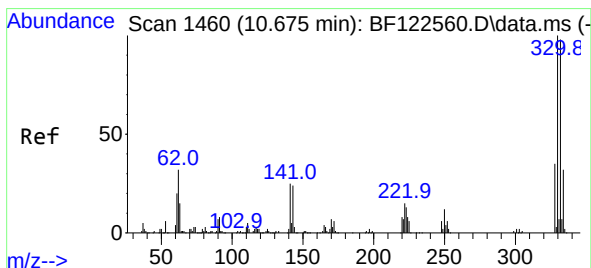
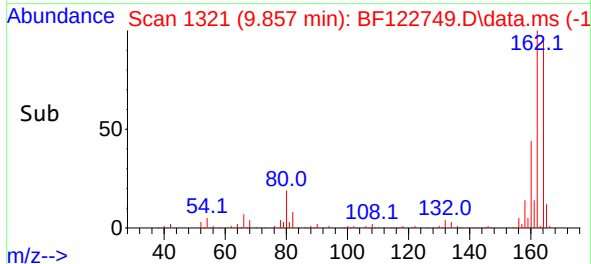
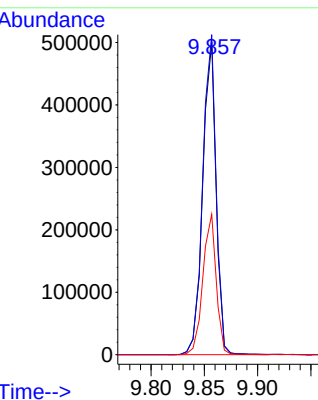
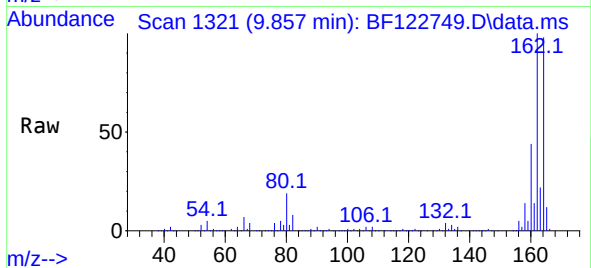
Tgt Ion:164 Resp: 434611

Ion Ratio Lower Upper

164 100

162 102.4 80.8 121.2

160 44.9 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 89.79 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF122749.D

Acq: 16 Dec 2020 14:40

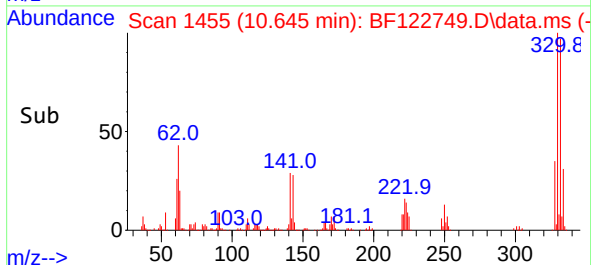
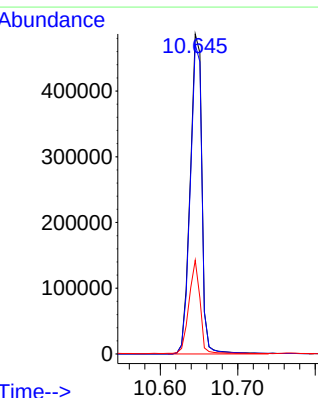
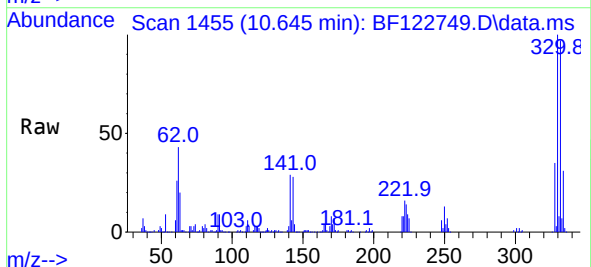
Tgt Ion:330 Resp: 510812

Ion Ratio Lower Upper

330 100

332 96.9 77.5 116.3

141 27.8 23.8 35.8



Instrument :

BNA_F

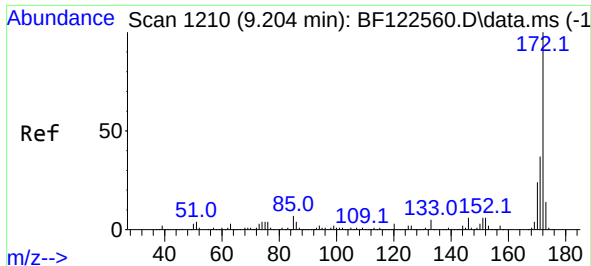
ClientSampleId :

CHRT-20426

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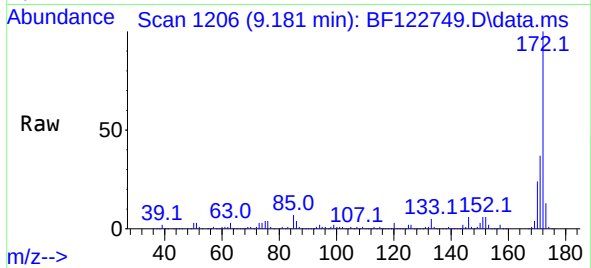
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#45
2-Fluorobiphenyl
Concen: 56.38 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122749.D
Acq: 16 Dec 2020 14:40

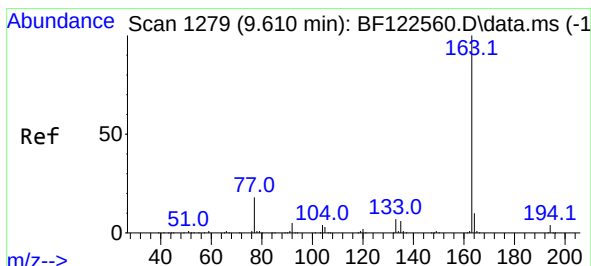
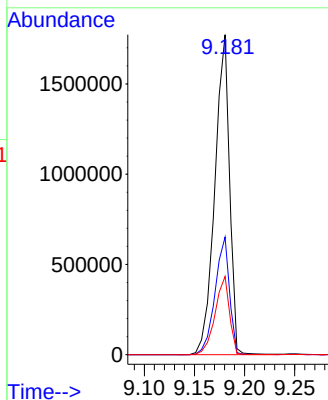
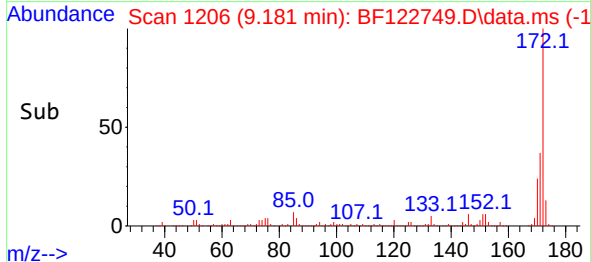
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BNA_F
ClientSampleId :
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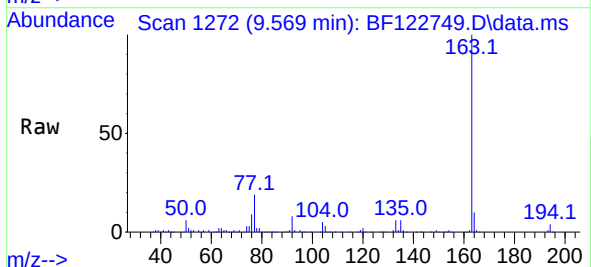
Tgt Ion:172 Resp: 1811584
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.5 19.5 29.3

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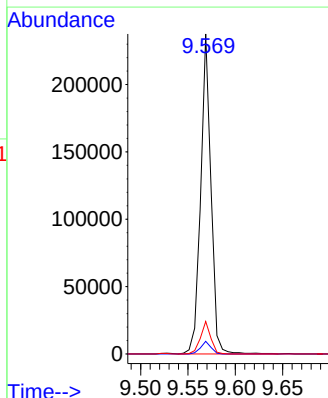
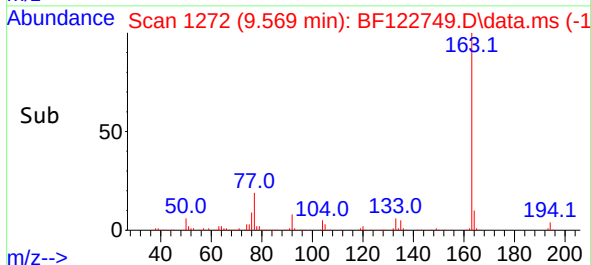
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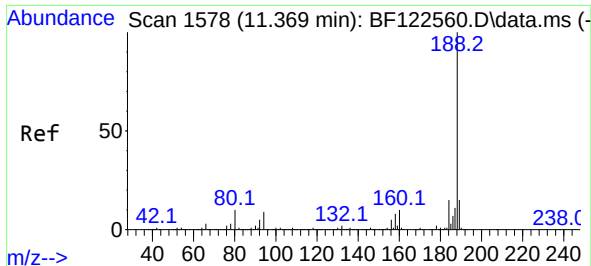


#50
Dimethylphthalate
Concen: 5.18 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.018 min
Lab File: BF122749.D
Acq: 16 Dec 2020 14:40



Tgt Ion:163 Resp: 179652
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.2 8.1 12.1





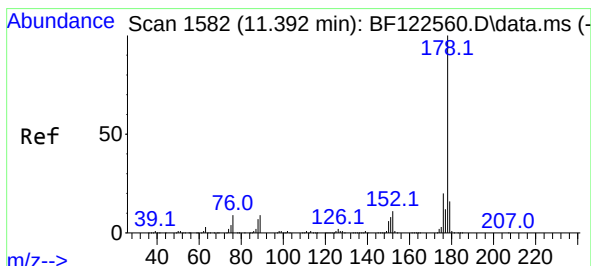
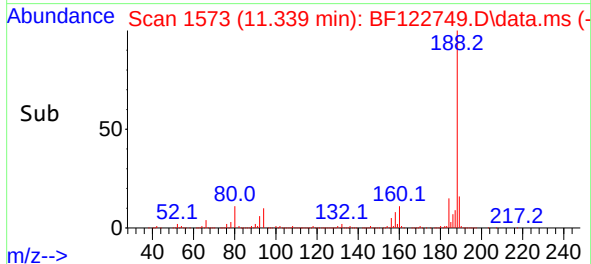
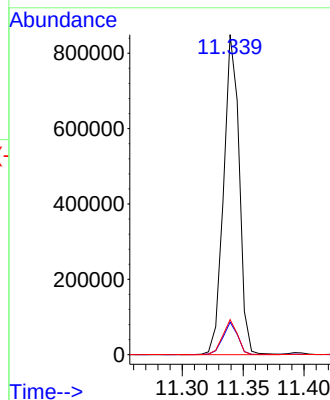
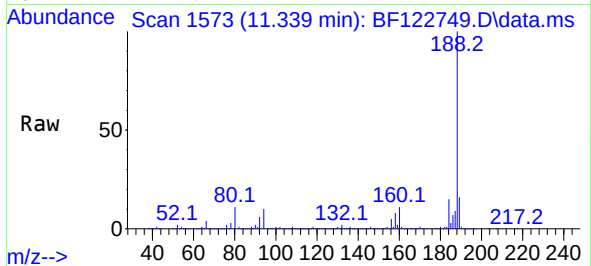
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122749.D
Acq: 16 Dec 2020 14:40

Instrument :
BNA_F
ClientSampleId :
CHRT-20426

Tgt Ion:188 Resp: 757030
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.2
80 10.9 8.2 12.4

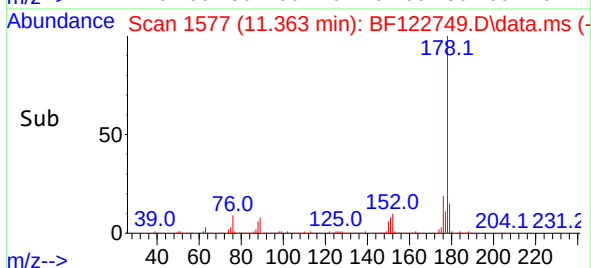
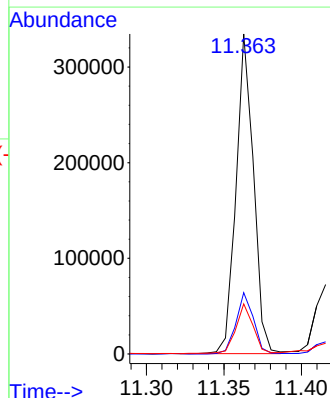
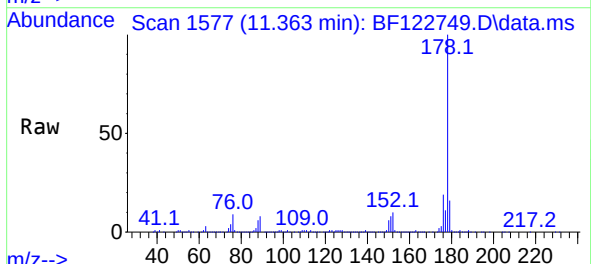
Manual Integrations
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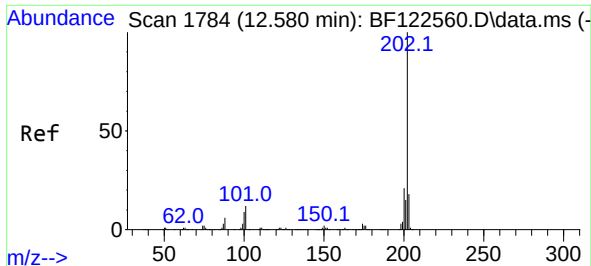
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#71
Phenanthrene
Concen: 5.82 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122749.D
Acq: 16 Dec 2020 14:40

Tgt Ion:178 Resp: 261735
Ion Ratio Lower Upper
178 100
176 19.1 16.2 24.2
179 15.6 12.7 19.1





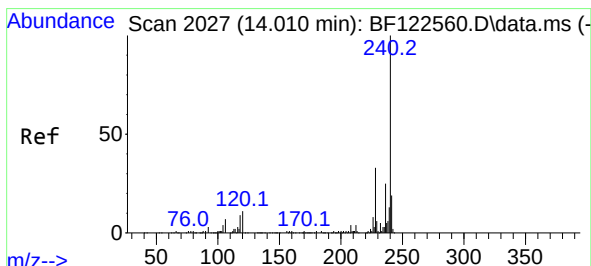
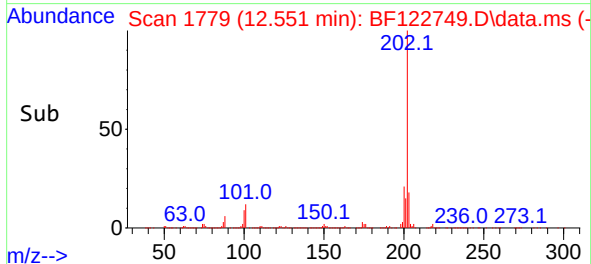
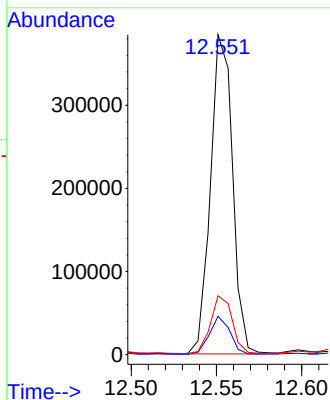
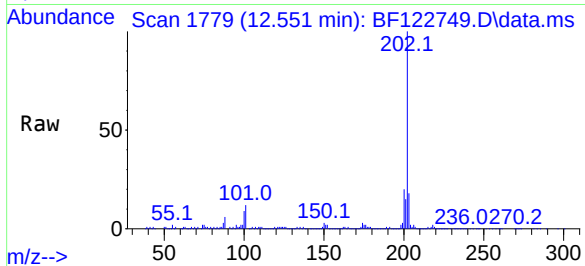
#75
Fluoranthene
Concen: 7.33 ng
RT: 12.551 min Scan# 1779
Delta R.T. -0.006 min
Lab File: BF122749.D
Acq: 16 Dec 2020 14:40

Tgt Ion:202 Resp: 345603
Ion Ratio Lower Upper
202 100
101 12.0 0.0 32.2
203 18.4 0.0 38.1

Instrument :
BNA_F
ClientSampleId :
CHRT-20426

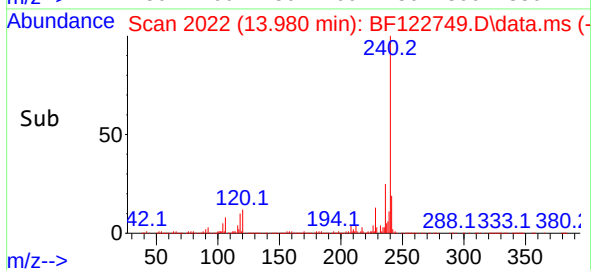
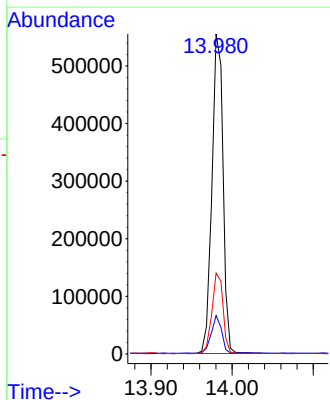
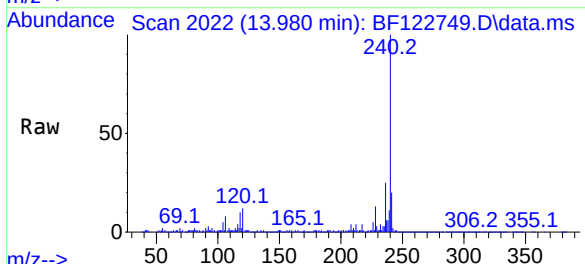
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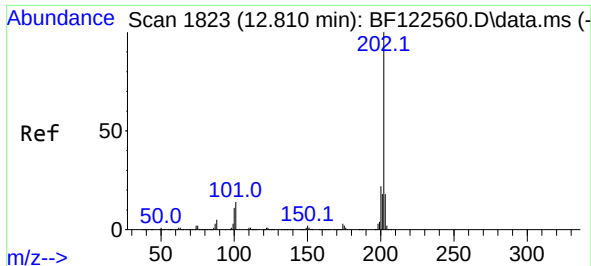
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF122749.D
Acq: 16 Dec 2020 14:40

Tgt Ion:240 Resp: 525468
Ion Ratio Lower Upper
240 100
120 12.0 8.6 12.8
236 25.3 20.3 30.5





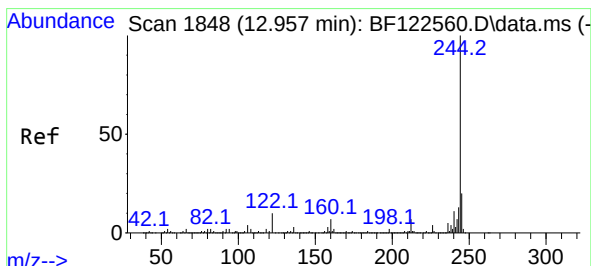
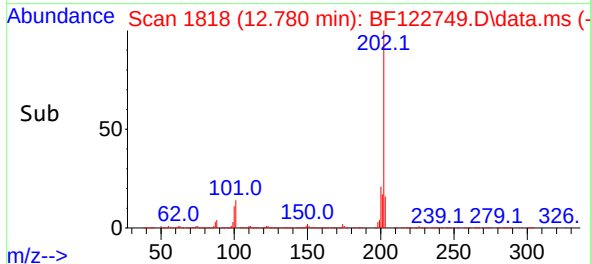
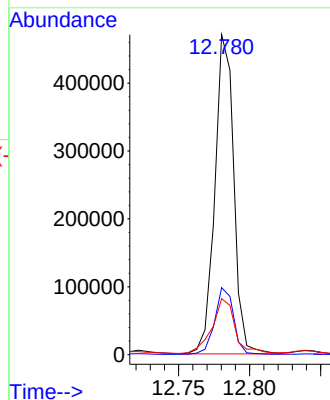
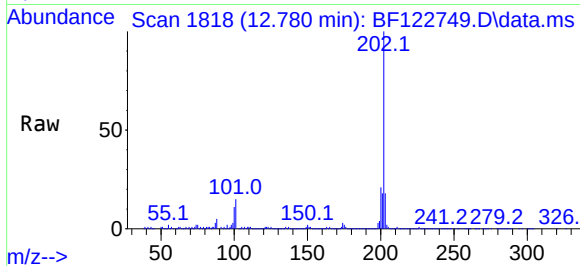
#78
Pyrene
Concen: 10.73 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF122749.D
Acq: 16 Dec 2020 14:40

Tgt Ion:	202	Resp:	435853
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.6	26.4
203	17.5	14.6	21.8

Instrument :
BNA_F
ClientSampled :
CHRT-20426

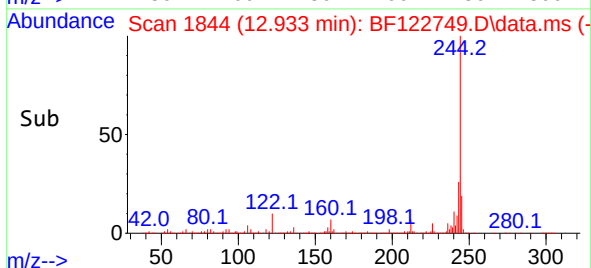
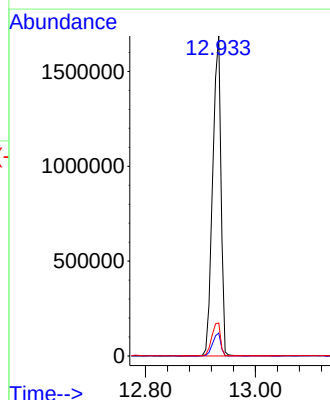
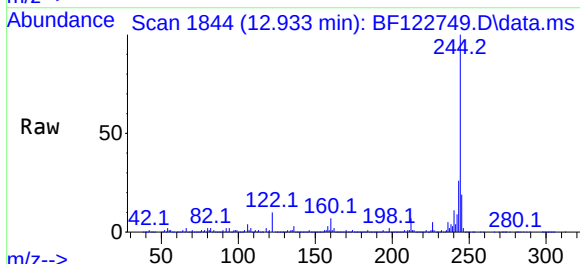
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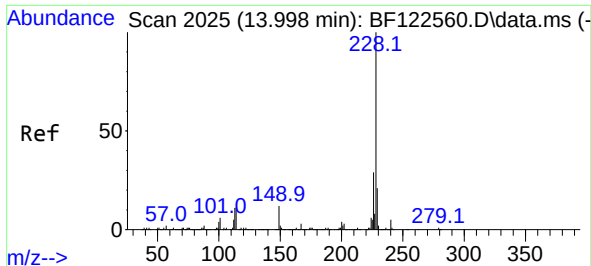
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#79
Terphenyl-d14
Concen: 58.80 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF122749.D
Acq: 16 Dec 2020 14:40

Tgt Ion:	244	Resp:	1765171
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.7	8.5
122	10.3	8.3	12.5





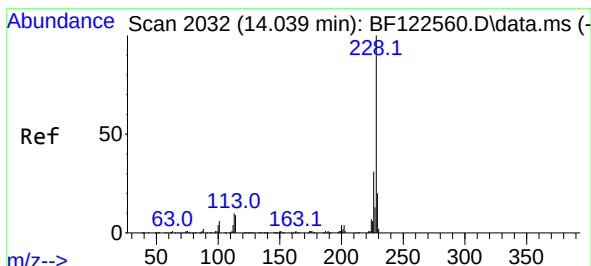
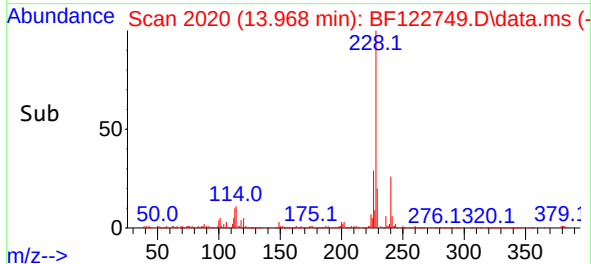
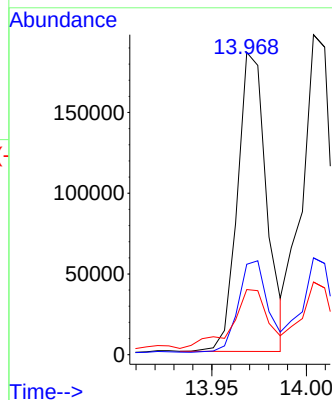
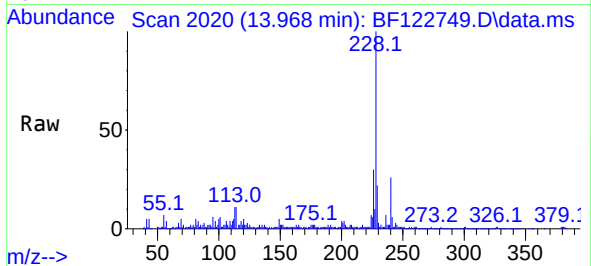
#81
Benzo(a)anthracene
Concen: 5.65 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF122749.D
Acq: 16 Dec 2020 14:40

Tgt Ion:228 Resp: 198358
Ion Ratio Lower Upper
228 100
226 29.9 23.0 34.4
229 21.5 16.6 24.8

Instrument :
BNA_F
ClientSampleId :
CHRT-20426

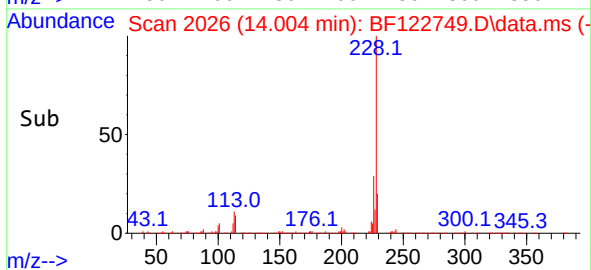
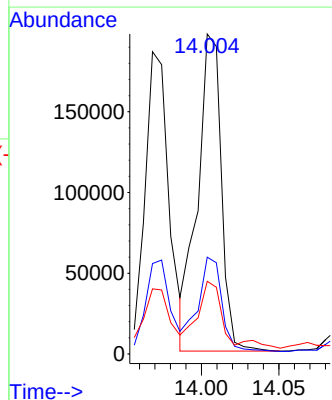
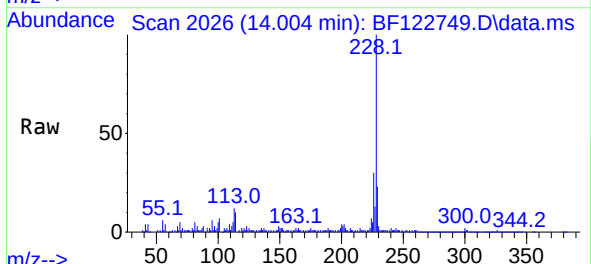
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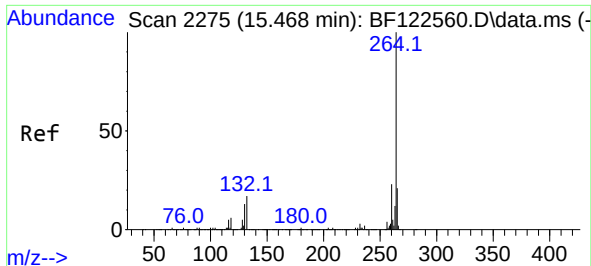
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#83
Chrysene
Concen: 5.99 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BF122749.D
Acq: 16 Dec 2020 14:40

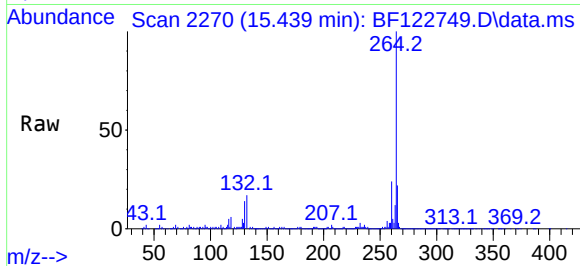
Tgt Ion:228 Resp: 209398
Ion Ratio Lower Upper
228 100
226 30.2 24.6 36.8
229 22.7 15.8 23.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.000 min
Lab File: BF122749.D
Acq: 16 Dec 2020 14:40

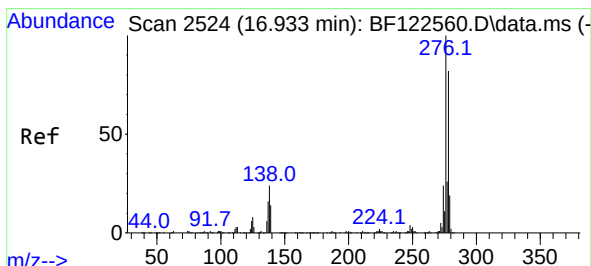
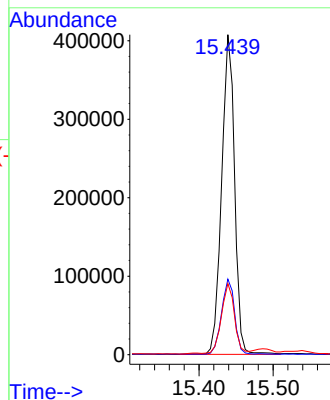
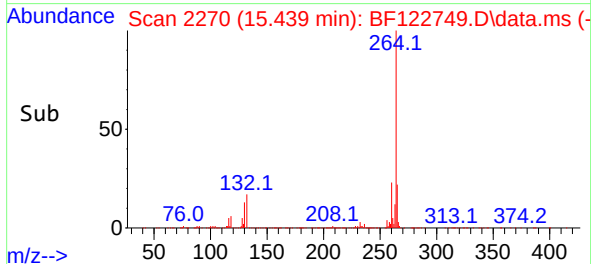
Instrument :
BNA_F
ClientSampled :
CHRT-20426



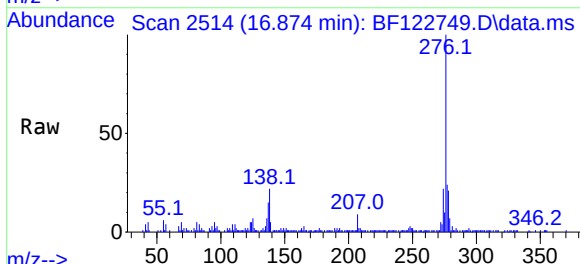
Tgt Ion:264 Resp: 494327
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 22.2 17.0 25.6

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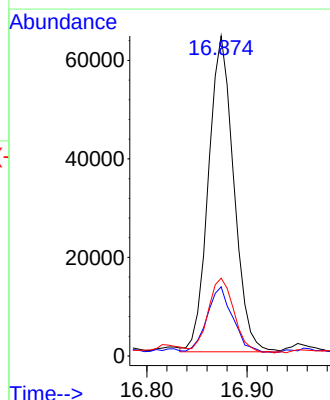
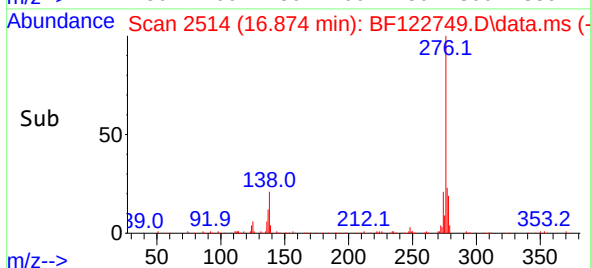
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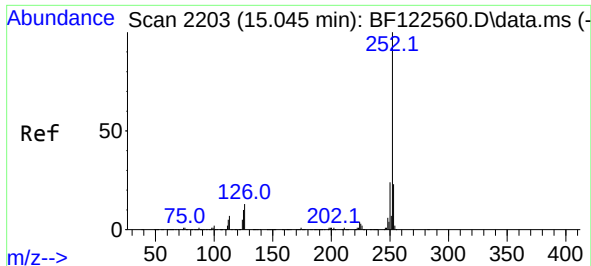


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.48 ng
RT: 16.874 min Scan# 2514
Delta R.T. -0.018 min
Lab File: BF122749.D
Acq: 16 Dec 2020 14:40

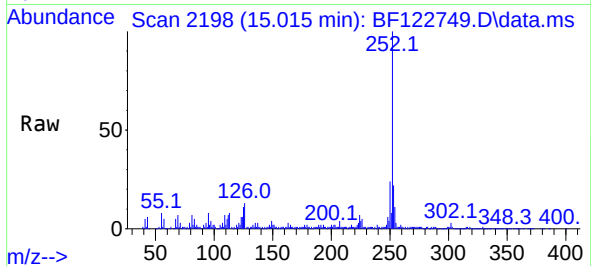


Tgt Ion:276 Resp: 112800
Ion Ratio Lower Upper
276 100
138 20.9 18.7 28.1
277 24.4 20.2 30.4

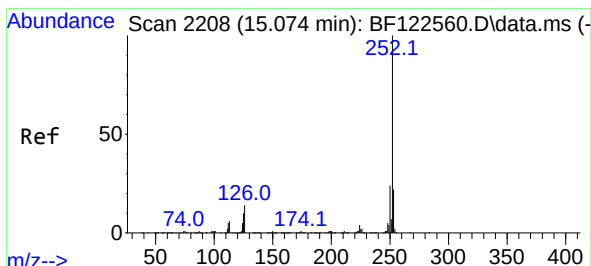
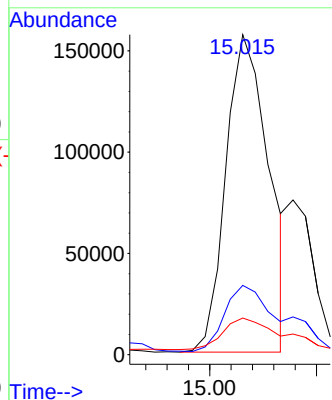
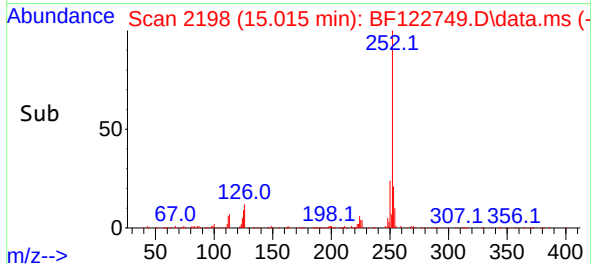




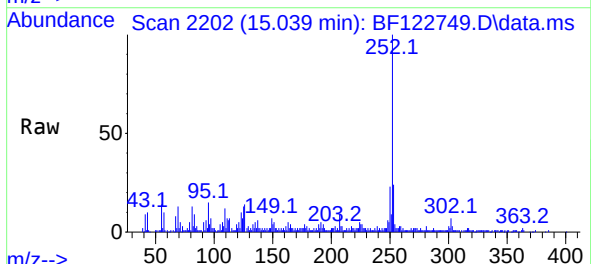
#88
Benzo(b)fluoranthene
Concen: 6.34 ng m
RT: 15.015 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF122749.D
Acq: 16 Dec 2020 14:40



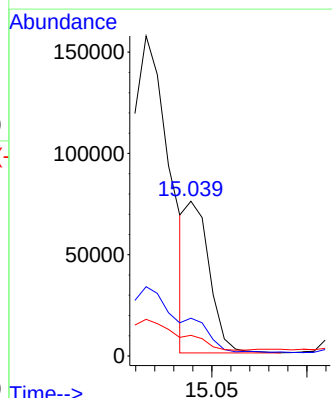
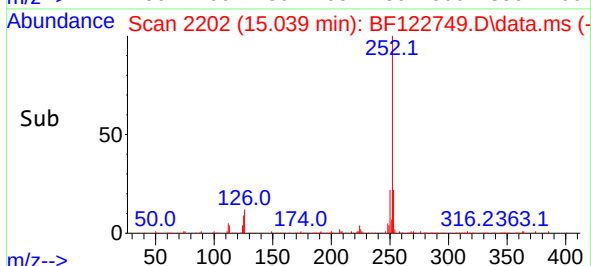
Tgt Ion:252 Resp: 220019
Ion Ratio Lower Upper
252 100
253 21.7 18.3 27.5
125 11.4 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 2.01 ng m
RT: 15.039 min Scan# 2202
Delta R.T. -0.012 min
Lab File: BF122749.D
Acq: 16 Dec 2020 14:40



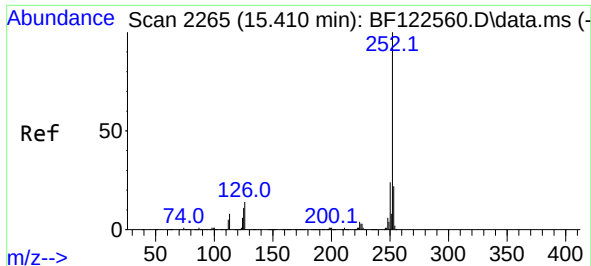
Tgt Ion:252 Resp: 63874
Ion Ratio Lower Upper
252 100
253 24.5 17.8 26.8
125 13.4 8.4 12.6#



Instrument :
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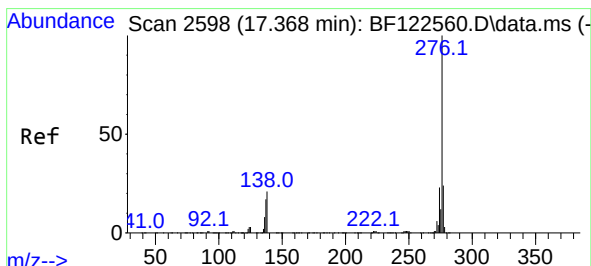
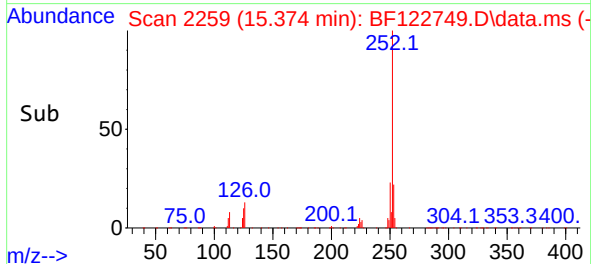
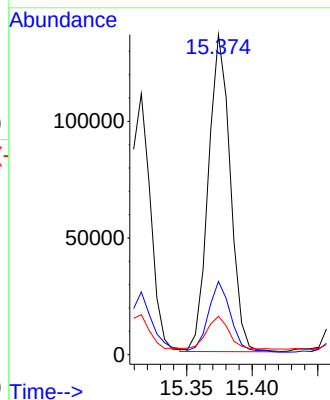
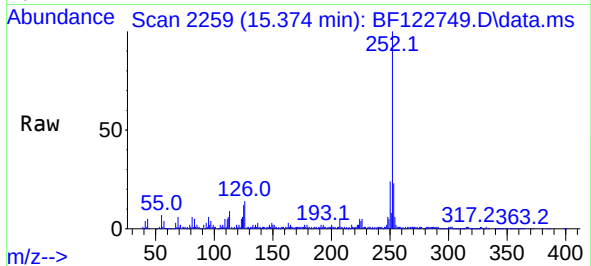
#90
Benzo(a)pyrene
Concen: 5.20 ng
RT: 15.374 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF122749.D
Acq: 16 Dec 2020 14:40

Tgt Ion:252 Resp: 157816
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 12.0 8.6 12.8

Instrument :
BNA_F
ClientSampled :
CHRT-20426

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#92
Benzo(g,h,i)perylene
Concen: 4.83 ng
RT: 17.309 min Scan# 2588
Delta R.T. -0.018 min
Lab File: BF122749.D
Acq: 16 Dec 2020 14:40

Tgt Ion:276 Resp: 124212
Ion Ratio Lower Upper
276 100
277 22.2 19.3 28.9
138 21.9 16.6 24.8

