

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
 Data File : BF124297.D
 Acq On : 12 Jun 2021 20:58
 Operator : JU/CG
 Sample : M2674-03DL 25X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TMR-DS-03-060921DL

Manual Integrations
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Quant Time: Jun 14 04:28:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 10 01:53:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	33563	20.000	ng	-0.01
21) Naphthalene-d8	8.128	136	118948	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	56473	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	83037	20.000	ng	0.00
76) Chrysene-d12	14.021	240	65028	20.000	ng	0.00
86) Perylene-d12	15.498	264	41206	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	7555	3.389	ng	0.00
7) Phenol-d6	6.492	99	9597	3.202	ng	0.00
23) Nitrobenzene-d5	7.404	82	11364	3.789	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	2279	2.848	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	12078	2.691	ng	-0.01
79) Terphenyl-d14	12.951	244	12386	2.615	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.510	94	35575	10.984	ng	87
17) 2-Methylphenol	7.110	107	36275	17.987	ng	96
20) 3+4-Methylphenols	7.269	107	92714	34.695	ng	# 69
27) 2,4-Dimethylphenol	7.792	122	60183	31.756	ng	98
31) Naphthalene	8.145	128	41109	5.781	ng	96
37) 2-Methylnaphthalene	8.839	142	40098	8.040	ng	89
38) 1-Methylnaphthalene	8.939	142	24104	5.172	ng	99
58) Fluorene	10.433	166	12223	2.762	ng	# 85
71) Phenanthrene	11.398	178	13586	2.619	ng	# 88

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

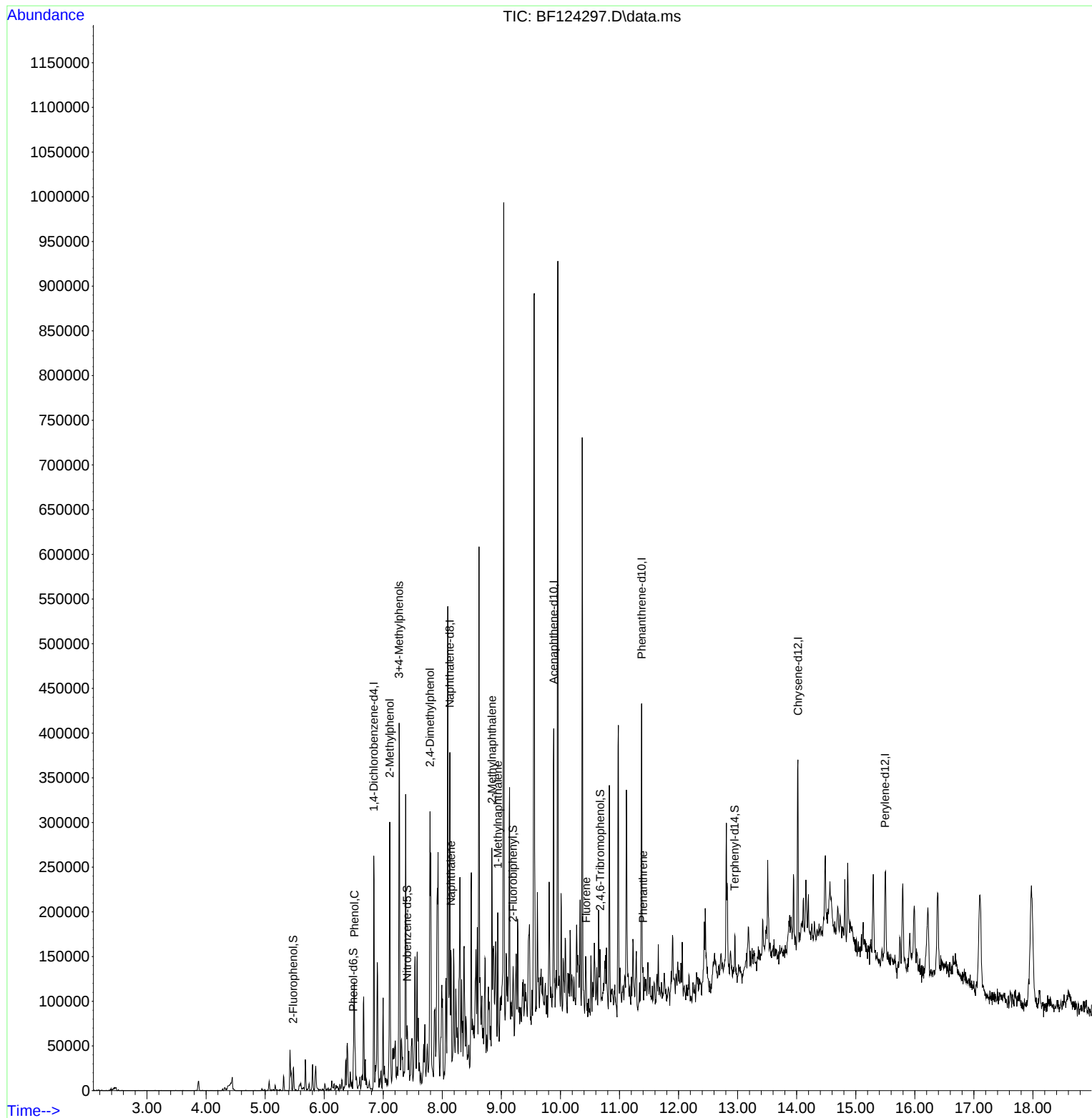
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Data File : BF124297.D
Acq On : 12 Jun 2021 20:58
Operator : JU/CG
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Misc :
ALS Vial : 21 Sample Multiplier: 1

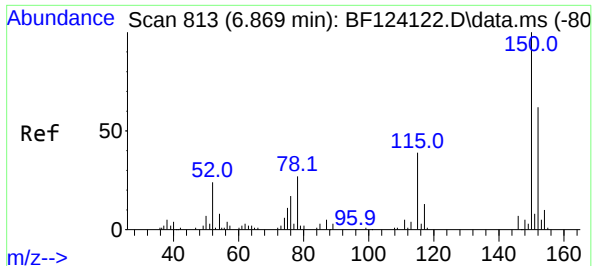
Instrument :
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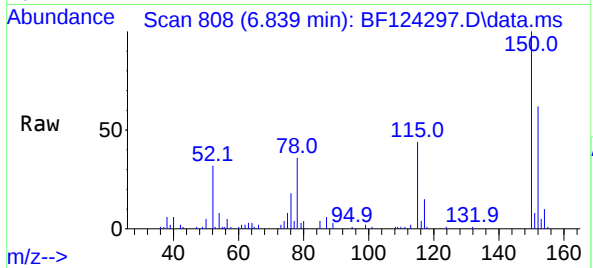
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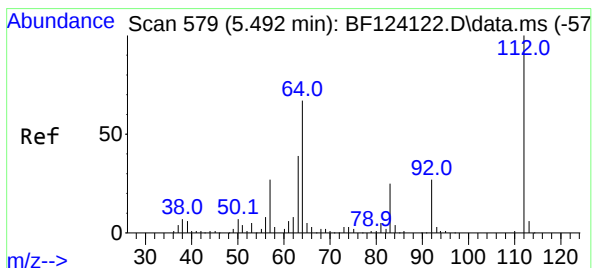
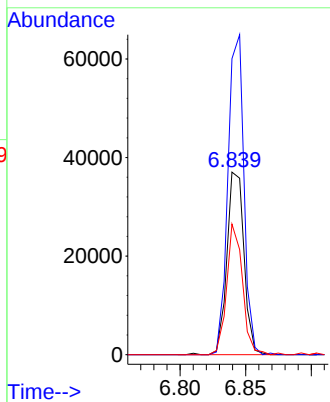
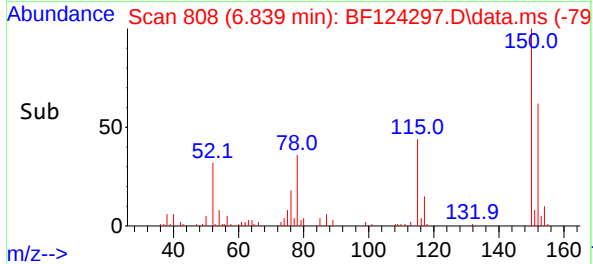




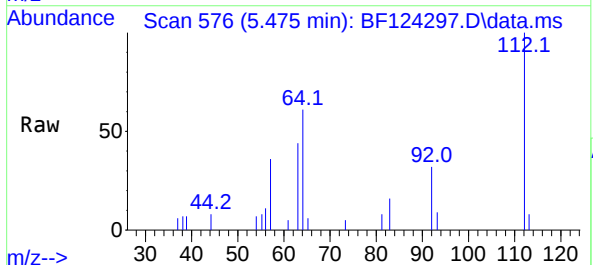
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.012 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58



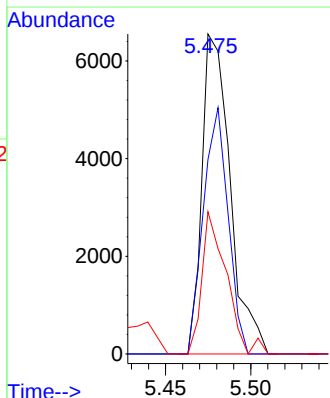
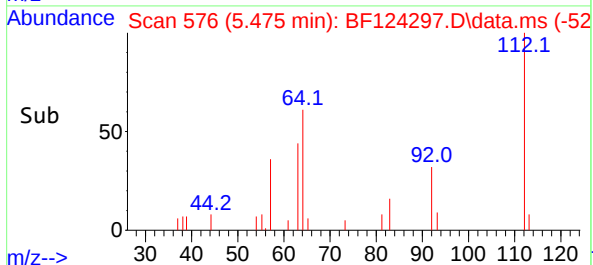
Tgt Ion:152 Resp: 33563
Ion Ratio Lower Upper
152 100
150 162.2 127.0 190.6
115 71.5 54.3 81.5



#5
2-Fluorophenol
Concen: 3.389 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58



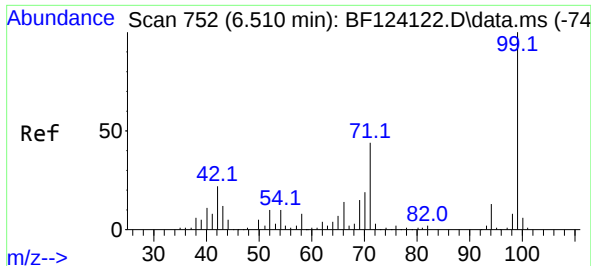
Tgt Ion:112 Resp: 7555
Ion Ratio Lower Upper
112 100
64 60.8 61.4 92.0#
63 44.4 33.0 49.4



Instrument :
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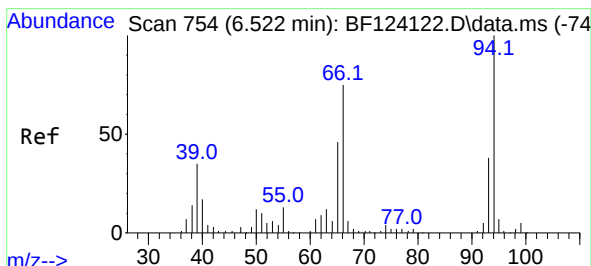
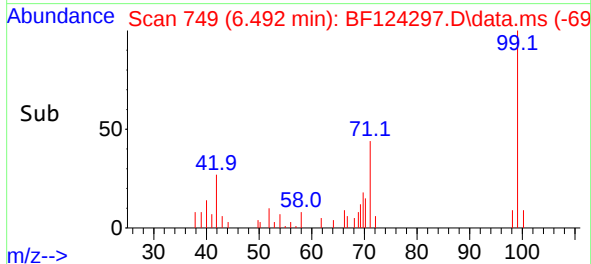
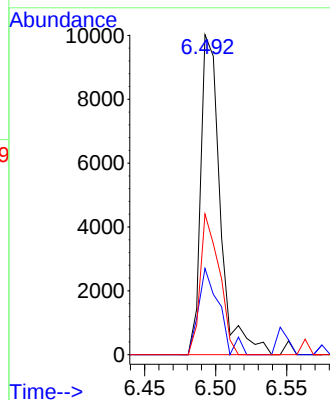
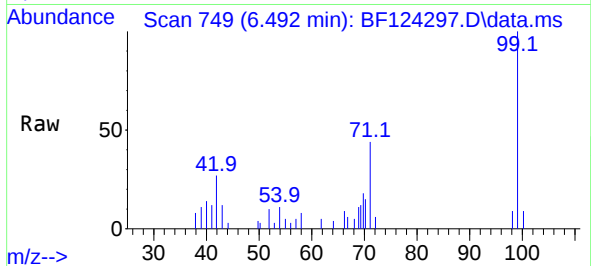
#7
Phenol-d6
Concen: 3.202 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58

Tgt Ion:	99	Resp:	9597
Ion	Ratio	Lower	Upper
99	100		
42	27.0	19.8	29.8
71	43.9	31.1	46.7

Instrument :
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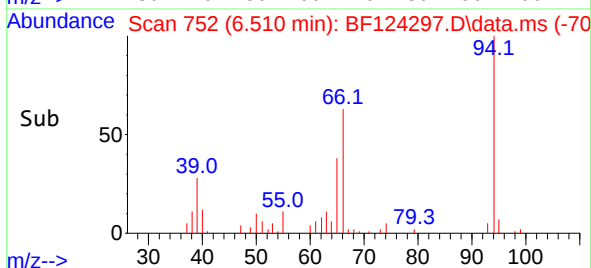
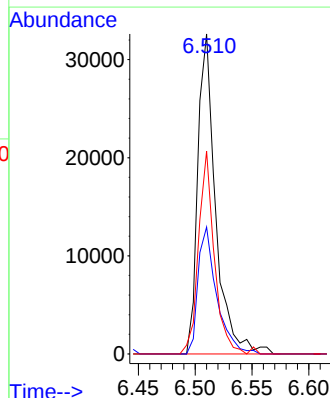
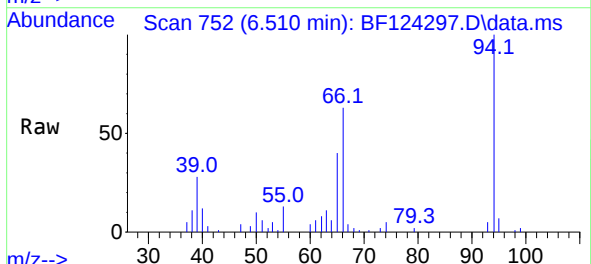
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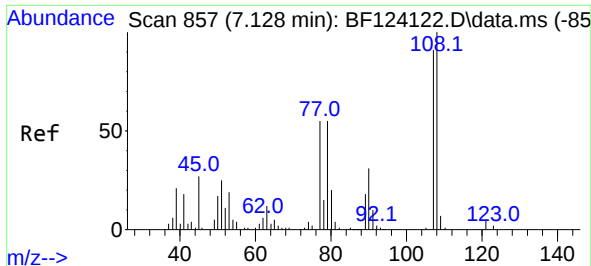
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#10
Phenol
Concen: 10.984 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58

Tgt Ion:	94	Resp:	35575
Ion	Ratio	Lower	Upper
94	100		
65	39.7	18.1	58.1
66	63.4	29.0	69.0





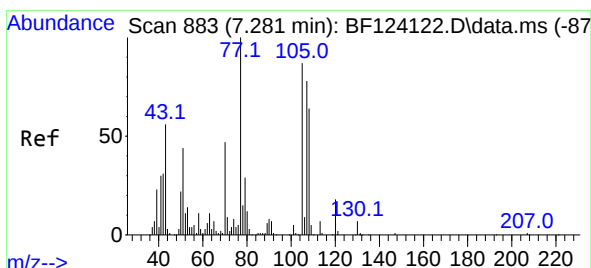
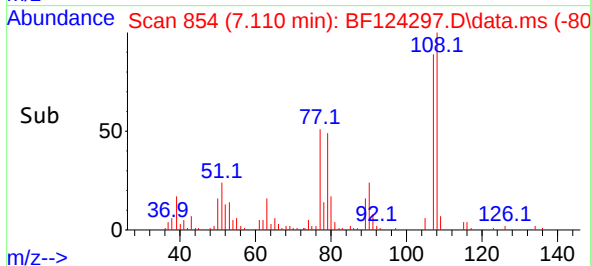
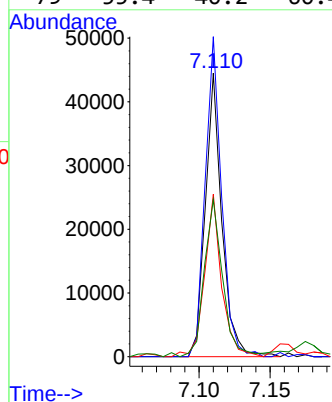
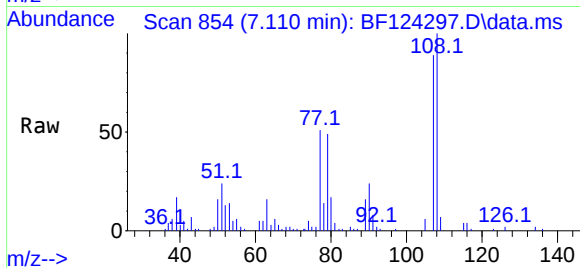
#17
2-Methylphenol
Concen: 17.987 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58

Tgt Ion:	107	Resp:	36275
Ion	Ratio	Lower	Upper
107	100		
108	112.9	89.8	134.8
77	57.3	40.9	61.3
79	55.4	40.2	60.4

Instrument :
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ClientSampleId :
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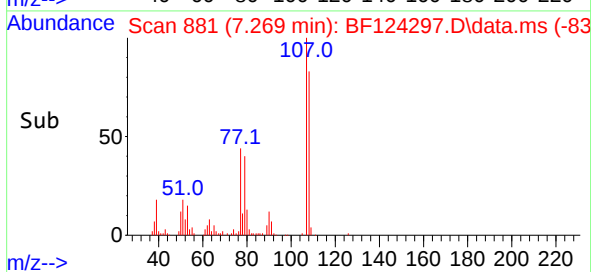
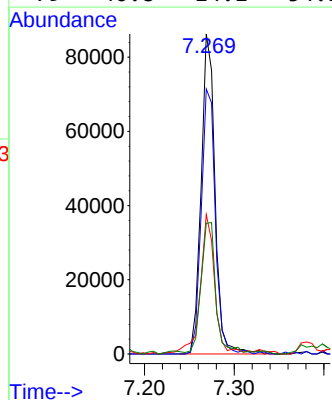
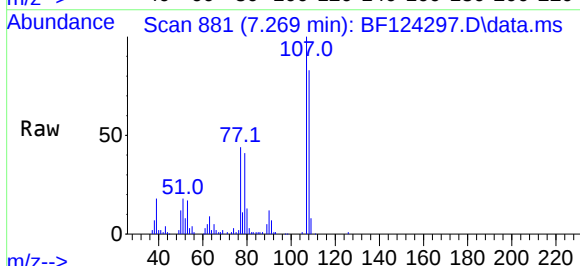
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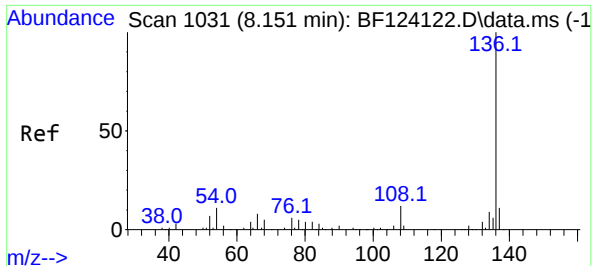
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#20
3+4-Methylphenols
Concen: 34.695 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58

Tgt Ion:	107	Resp:	92714
Ion	Ratio	Lower	Upper
107	100		
108	82.8	71.5	111.5
77	43.6	82.0	122.0#
79	40.8	14.1	54.1





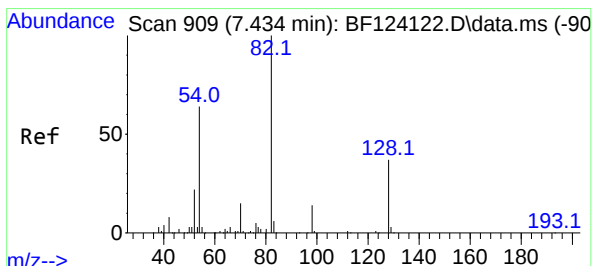
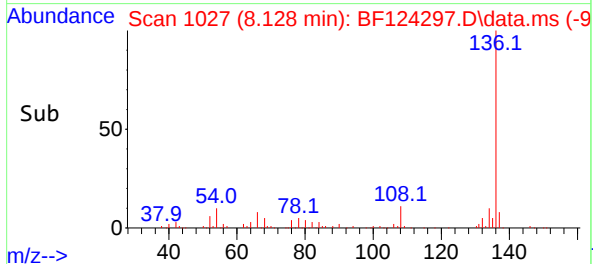
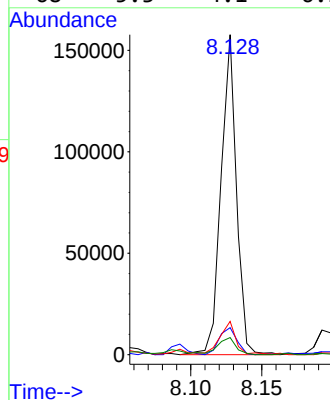
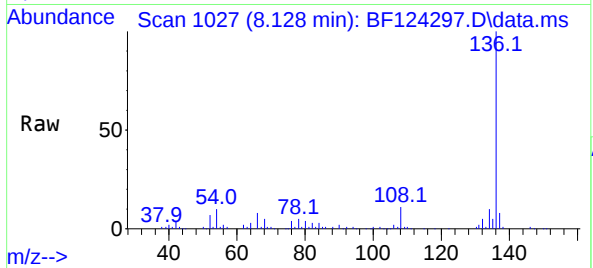
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58

Tgt Ion:136	Resp:	118948
Ion	Ratio	Lower Upper
136	100	
137	8.4	8.7 13.1#
54	10.4	9.8 14.6
68	5.3	4.1 6.1

Instrument :
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ClientSampleId :
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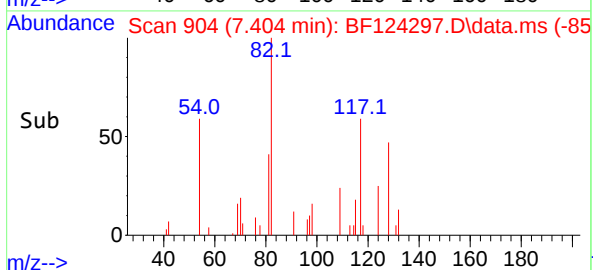
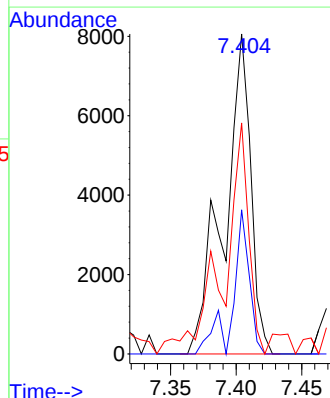
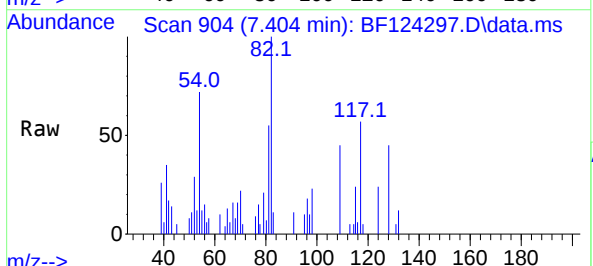
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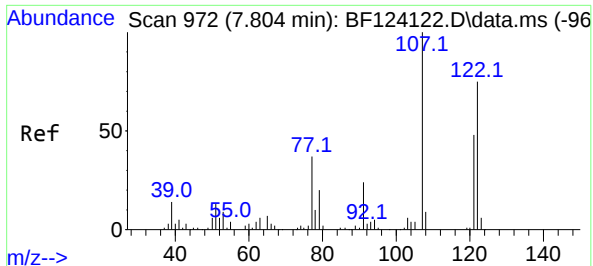
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#23
Nitrobenzene-d5
Concen: 3.789 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.012 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58

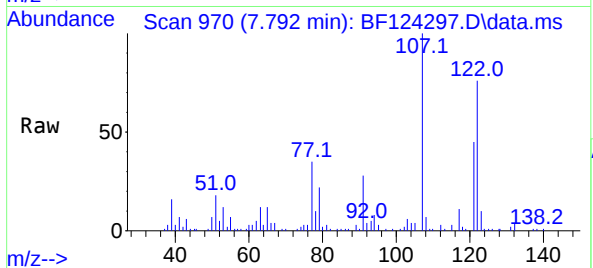
Tgt Ion: 82	Resp:	11364
Ion	Ratio	Lower Upper
82	100	
128	45.0	29.4 44.2#
54	72.2	54.1 81.1





#27
2,4-Dimethylphenol
Concen: 31.756 ng
RT: 7.792 min Scan# 970
Delta R.T. 0.000 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58

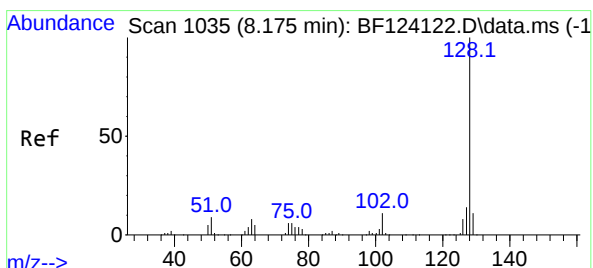
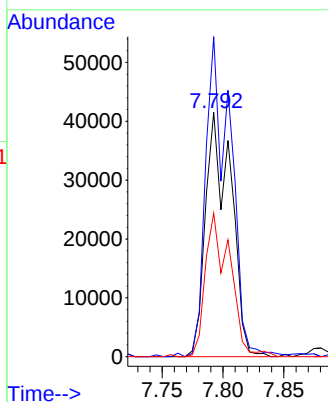
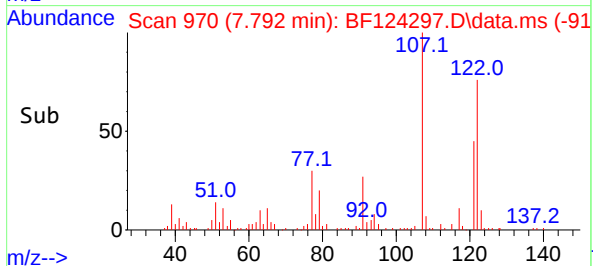
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BNA_F
ClientSampleID :
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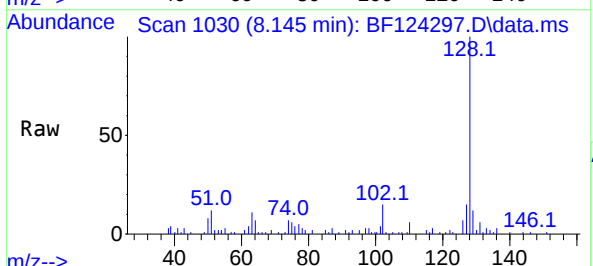
Tgt Ion:122 Resp: 60183
Ion Ratio Lower Upper
122 100
107 131.0 106.3 159.5
121 58.8 45.4 68.0

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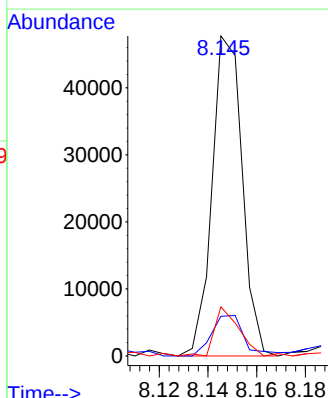
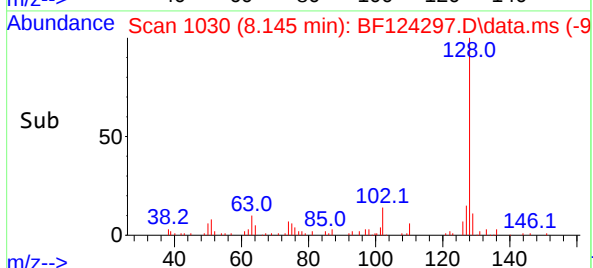
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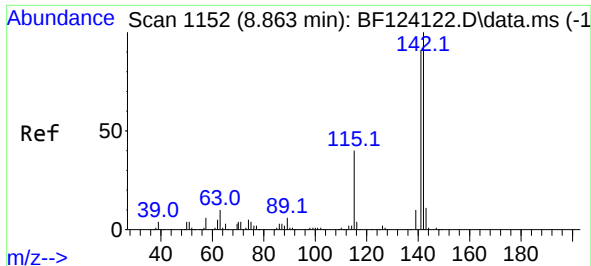


#31
Naphthalene
Concen: 5.781 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58



Tgt Ion:128 Resp: 41109
Ion Ratio Lower Upper
128 100
129 12.4 8.9 13.3
127 15.4 10.8 16.2





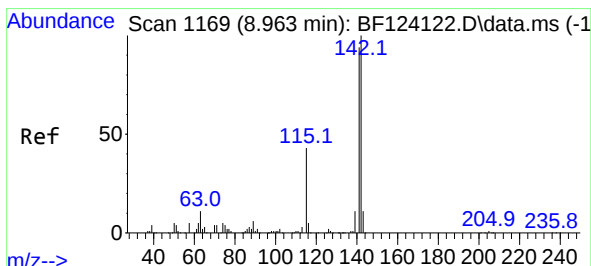
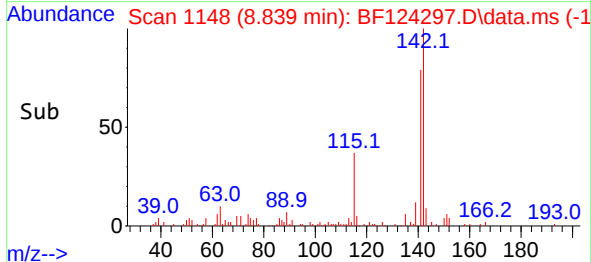
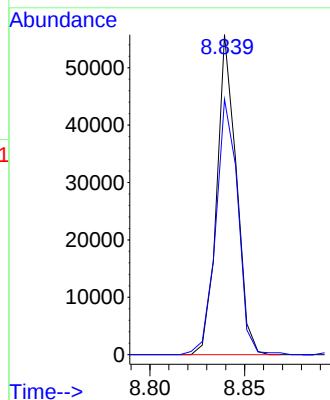
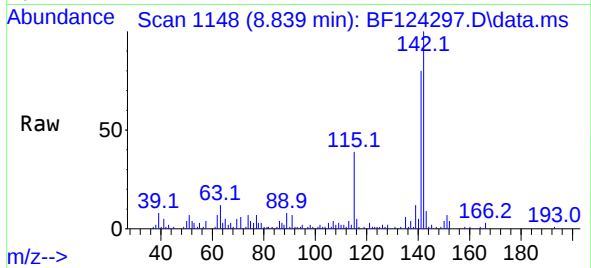
#37
2-Methylnaphthalene
Concen: 8.040 ng
RT: 8.839 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BF124297.D
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Tgt Ion:142 Resp: 40098
Ion Ratio Lower Upper
142 100
141 79.8 71.8 107.6

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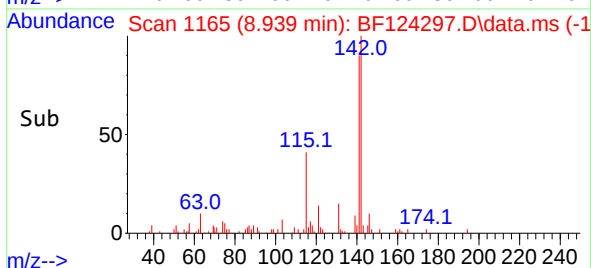
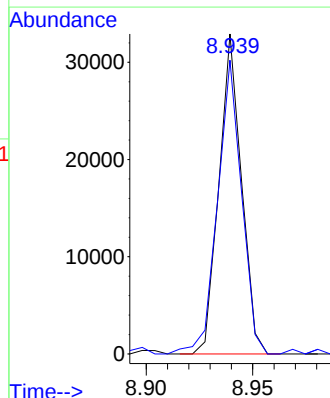
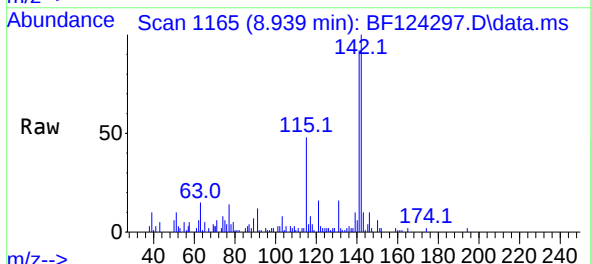
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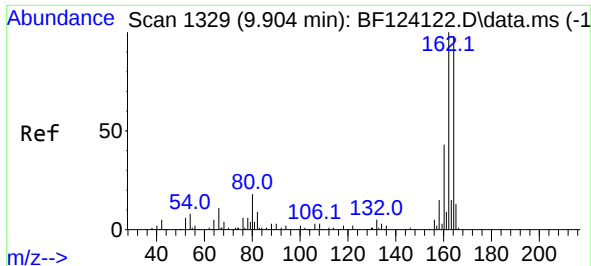
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#38
1-Methylnaphthalene
Concen: 5.172 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58

Tgt Ion:142 Resp: 24104
Ion Ratio Lower Upper
142 100
141 91.8 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1326

Delta R.T. -0.006 min

Lab File: BF124297.D

Acq: 12 Jun 2021 20:58

Tgt Ion:	164	Resp:	56473
Ion Ratio	Lower	Upper	
164	100		
162	115.6	80.7	121.1
160	44.3	37.3	55.9

Instrument :

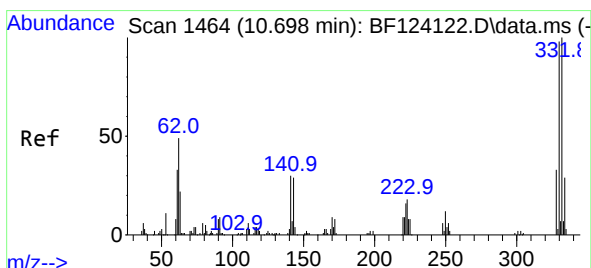
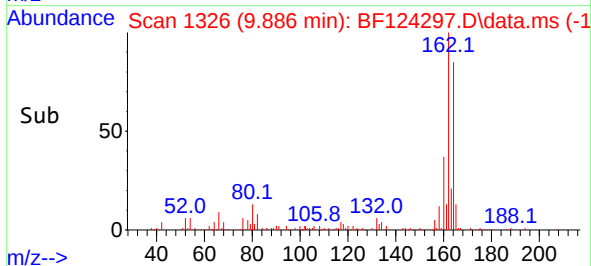
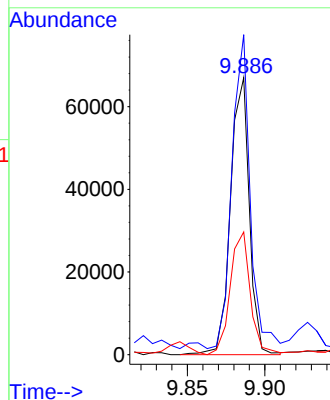
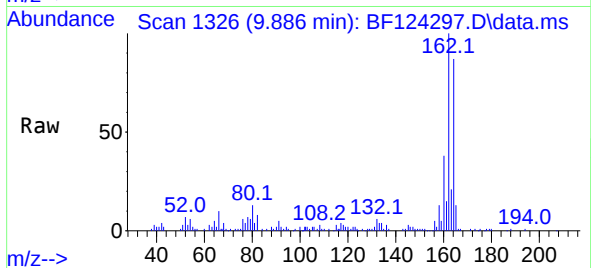
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ClientSampleId :

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#42

2,4,6-Tribromophenol

Concen: 2.848 ng

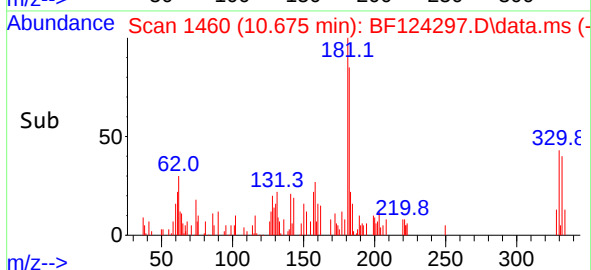
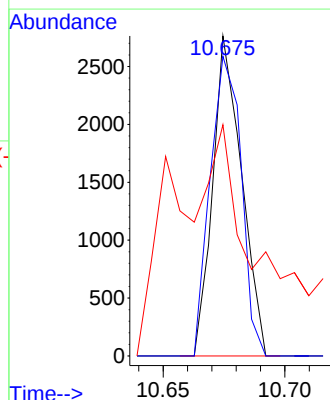
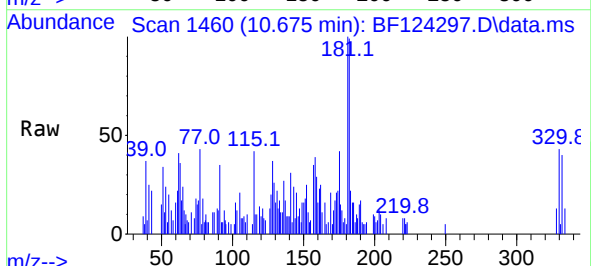
RT: 10.675 min Scan# 1460

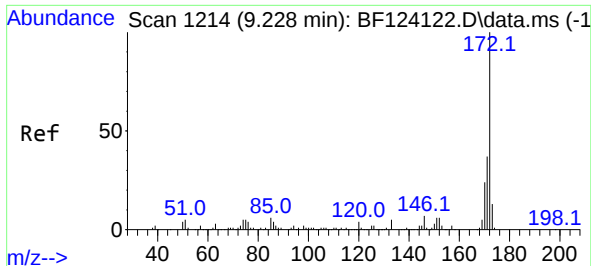
Delta R.T. -0.006 min

Lab File: BF124297.D

Acq: 12 Jun 2021 20:58

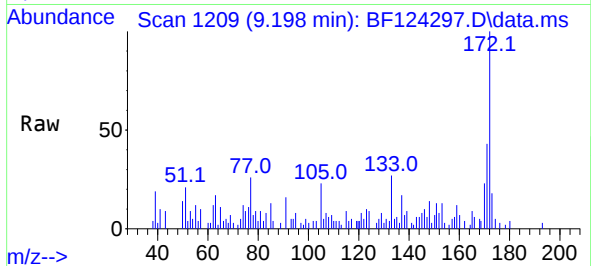
Tgt Ion:	330	Resp:	2279
Ion Ratio	Lower	Upper	
330	100		
332	100.4	77.1	115.7
141	107.7	27.9	41.9#





#45
2-Fluorobiphenyl
Concen: 2.691 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.012 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58

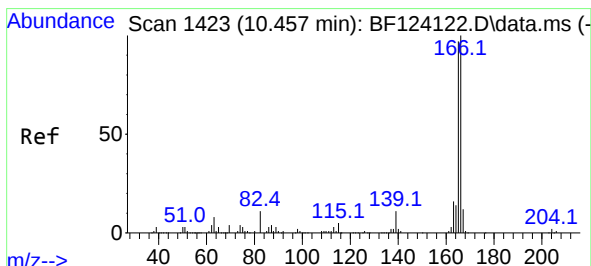
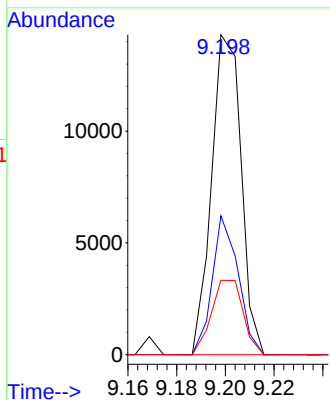
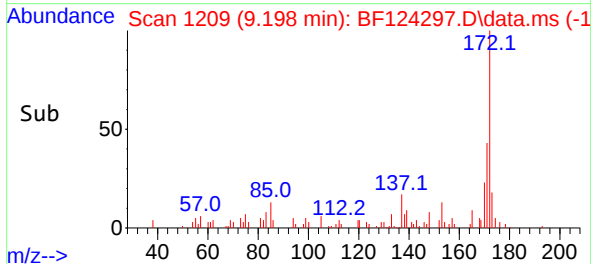
Instrument :
BNA_F
ClientSampleId :
TMR-DS-03-060921DL



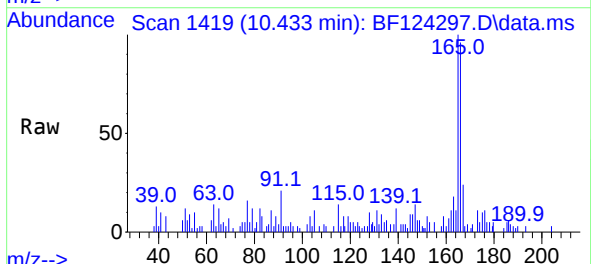
Tgt Ion:172 Resp: 12078
Ion Ratio Lower Upper
172 100
171 43.4 28.1 42.1#
170 23.2 19.2 28.8

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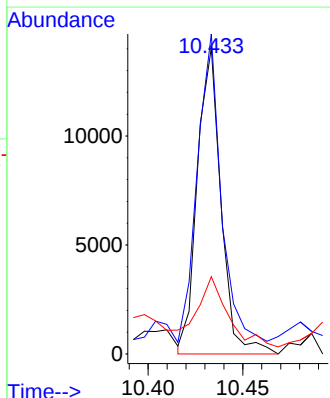
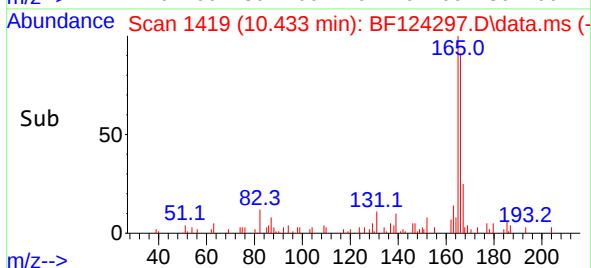
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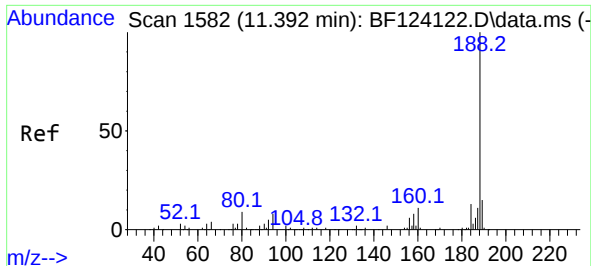


#58
Fluorene
Concen: 2.762 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58



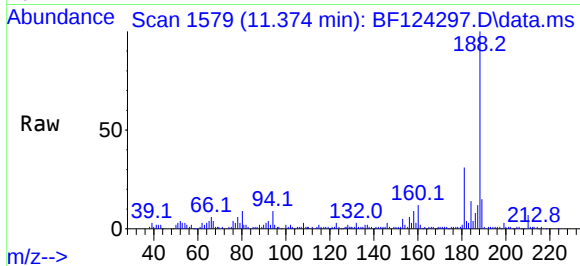
Tgt Ion:166 Resp: 12223
Ion Ratio Lower Upper
166 100
165 104.5 73.5 110.3
167 25.2 10.7 16.1#





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58

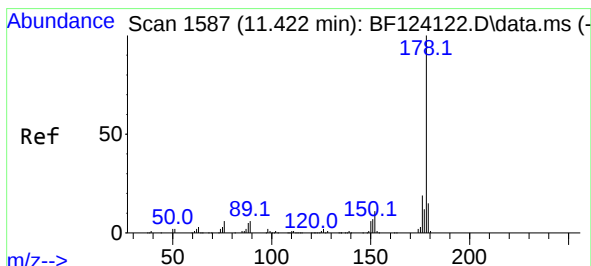
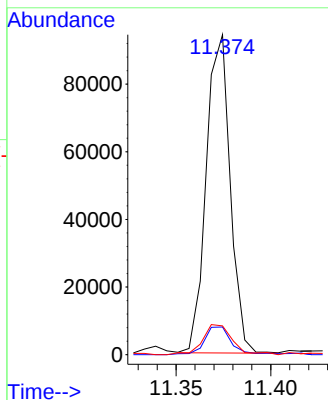
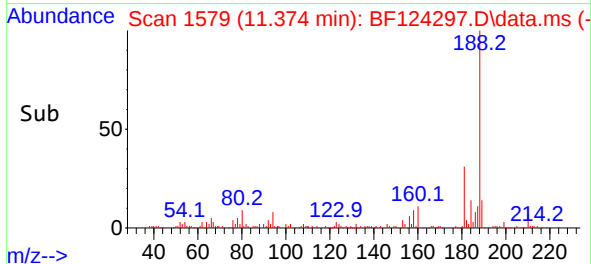
Instrument :
BNA_F
ClientSampleId :
TMR-DS-03-060921DL



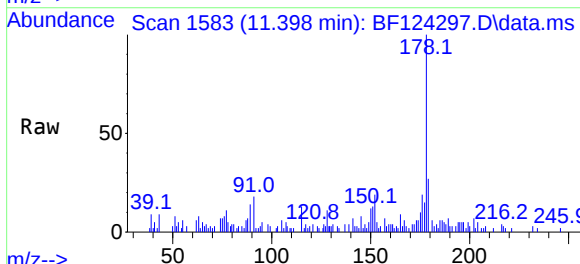
Tgt Ion:188 Resp: 83037
Ion Ratio Lower Upper
188 100
94 8.7 6.9 10.3
80 9.0 8.2 12.2

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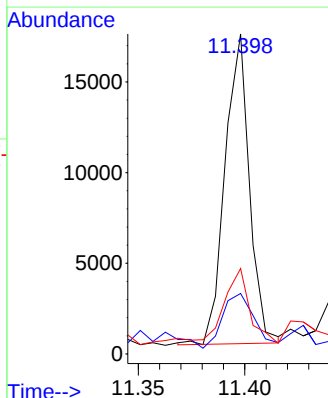
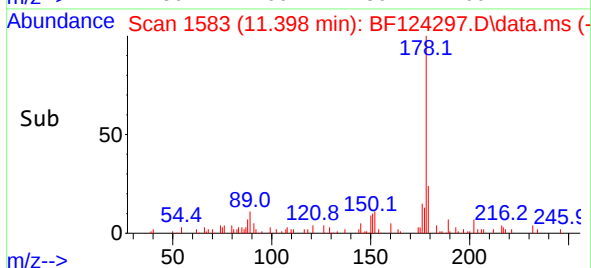
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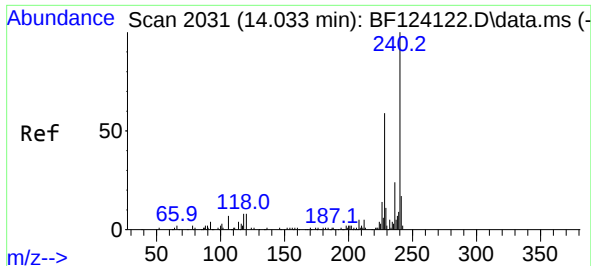


#71
Phenanthrene
Concen: 2.619 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58



Tgt Ion:178 Resp: 13586
Ion Ratio Lower Upper
178 100
176 18.9 15.6 23.4
179 26.7 12.5 18.7#





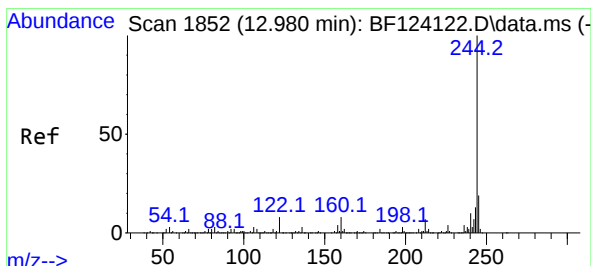
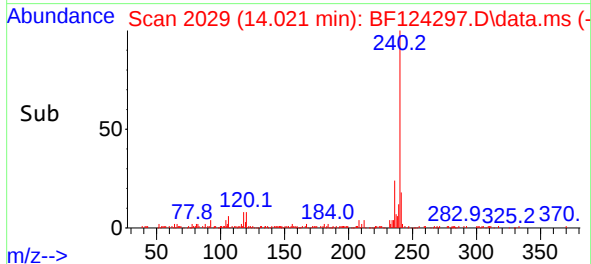
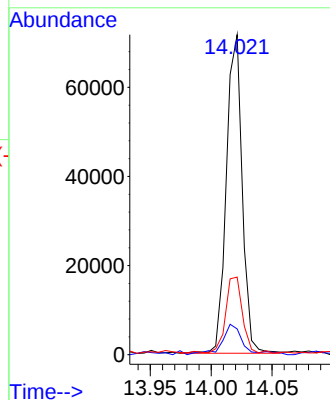
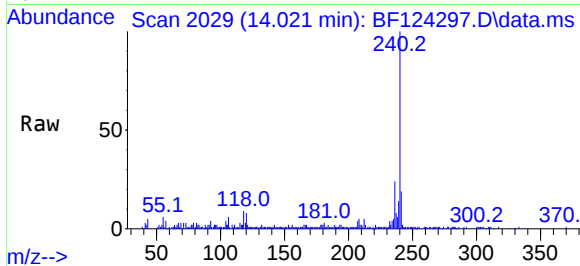
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58

Tgt Ion:240 Resp: 65028
Ion Ratio Lower Upper
240 100
120 8.0 7.2 10.8
236 24.3 19.0 28.4

Instrument :
BNA_F
ClientSampleId :
TMR-DS-03-060921DL

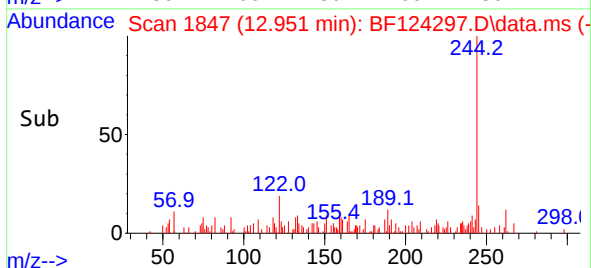
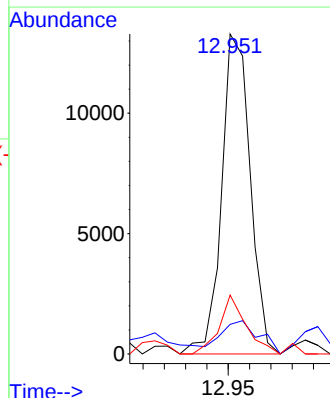
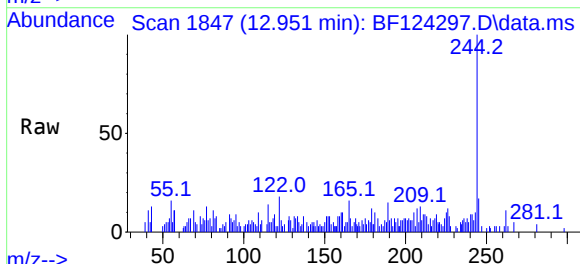
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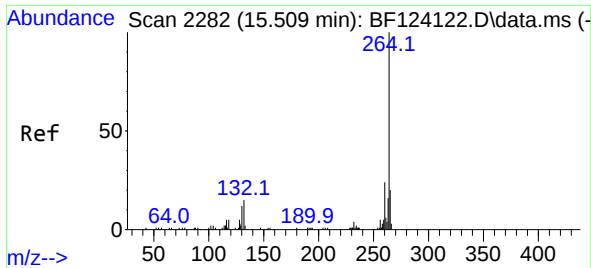
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#79
Terphenyl-d14
Concen: 2.615 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.012 min
Lab File: BF124297.D
Acq: 12 Jun 2021 20:58

Tgt Ion:244 Resp: 12386
Ion Ratio Lower Upper
244 100
212 9.3 5.7 8.5#
122 18.4 9.7 14.5#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2280
 Delta R.T. 0.006 min
 Lab File: BF124297.D
 Acq: 12 Jun 2021 20:58

Tgt Ion:	264	Resp:	41206
Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.7	28.1
265	19.8	17.8	26.8

Instrument :
 BNA_F
 ClientSampleId :
 TMR-DS-03-060921DL

Manual Integrations
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