

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071621\
 Data File : BF124604.D
 Acq On : 16 Jul 2021 19:31
 Operator : JU/CG
 Sample : M3029-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVR-CF01-01

Quant Time: Jul 16 23:07:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 08 07:49:42 2021
 Response via : Initial Calibration

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

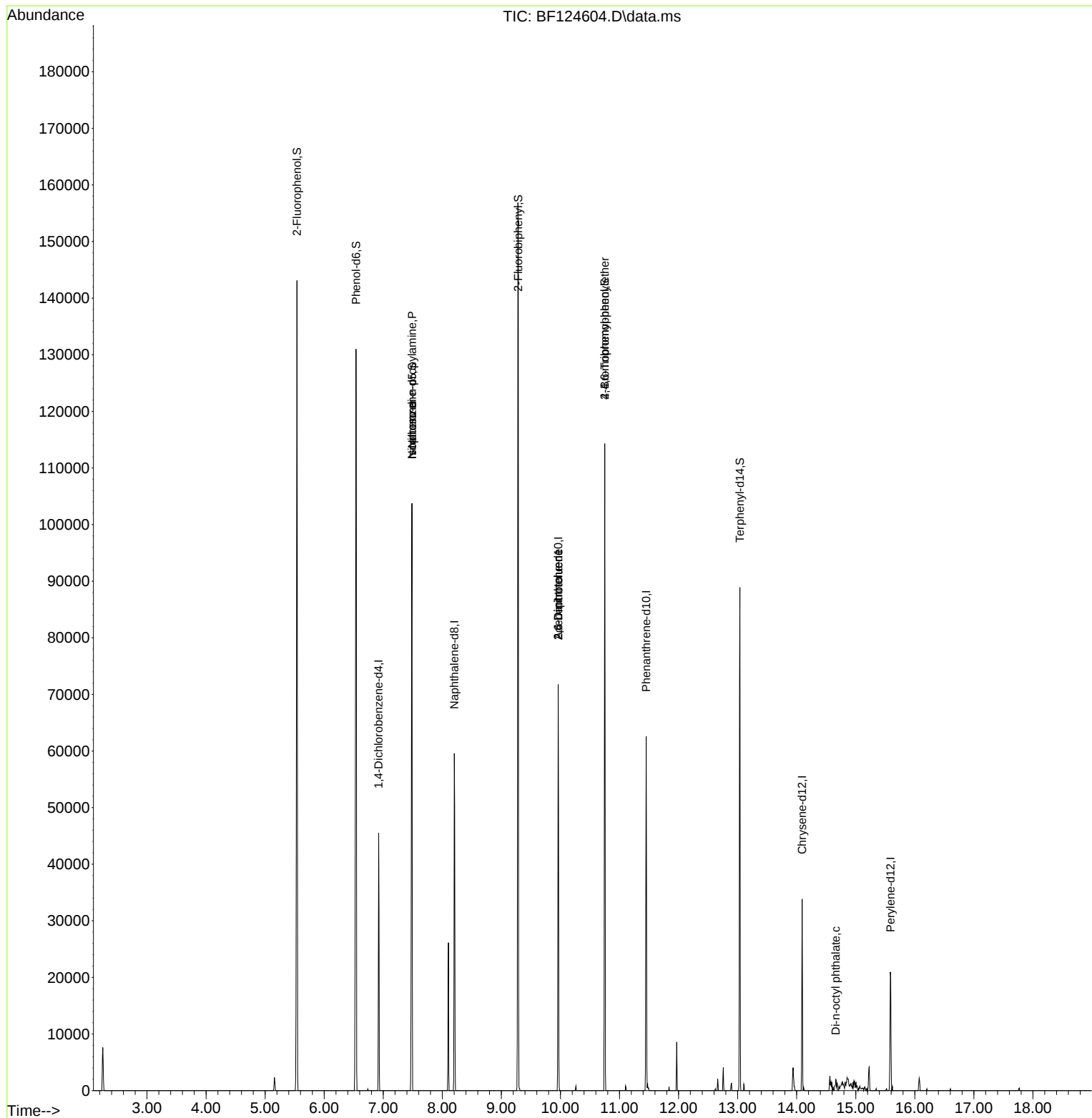
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	6586	20.00	ng	0.00
21) Naphthalene-d8	8.204	136	26828	20.00	ng	0.00
39) Acenaphthene-d10	9.963	164	14920	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	21554	20.00	ng	0.00
76) Chrysene-d12	14.092	240	11745	20.00	ng	0.00
86) Perylene-d12	15.592	264	10780	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	39661	104.34	ng	0.00
7) Phenol-d6	6.539	99	47336	102.36	ng	0.00
23) Nitrobenzene-d5	7.486	82	29700	69.89	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	9985	86.00	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	51489	50.32	ng	0.00
79) Terphenyl-d14	13.039	244	28863	41.27	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.486	70	3902	15.01	ng	Qvalue
25) Isophorone	7.486	82	29699	38.07	ng	# 71
51) 2,6-Dinitrotoluene	9.963	165	1746	8.53	ng	# 59
57) 2,4-Dinitrotoluene	9.963	165	1746	6.23	ng	# 26
67) 4-Bromophenyl-phenylether	10.751	248	835	3.75	ng	# 18
85) Di-n-octyl phthalate	14.663	149	2185	2.38	ng	# 1

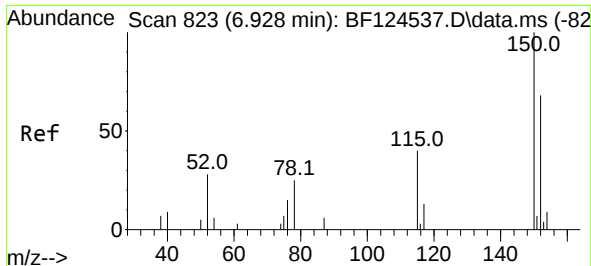
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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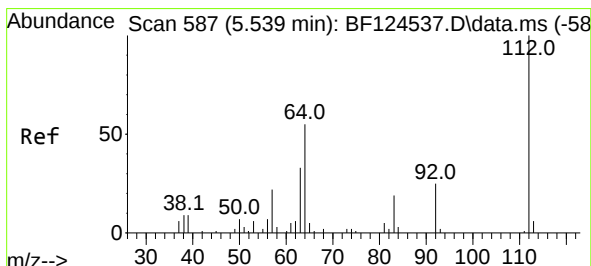
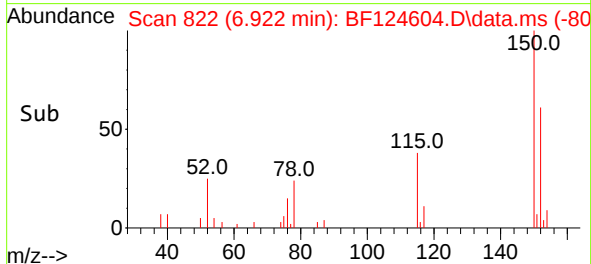
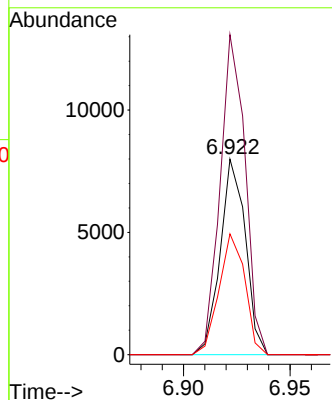
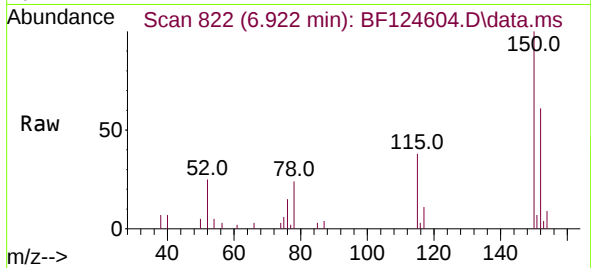




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF124604.D
Acq: 16 Jul 2021 19:31

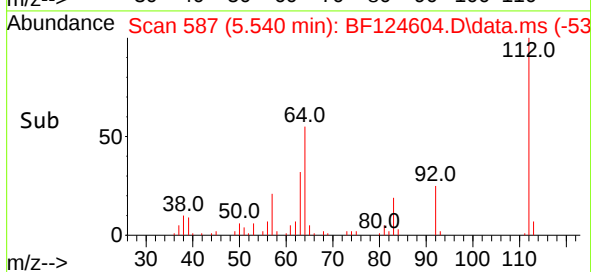
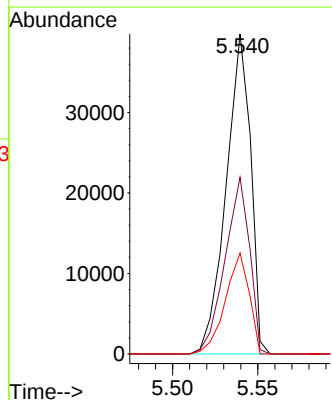
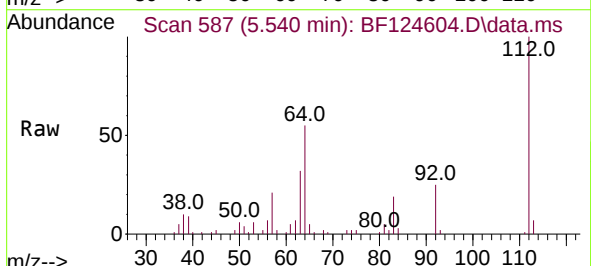
Instrument :
BNA_F
ClientSampleId :
RVR-CF01-01

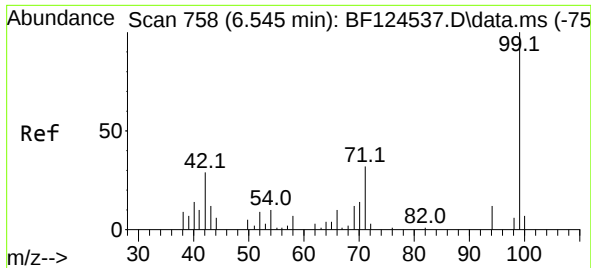
Tgt Ion:152 Resp: 6586
Ion Ratio Lower Upper
152 100
150 163.6 117.6 176.4
115 61.8 47.1 70.7



#5
2-Fluorophenol
Concen: 104.34 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.001 min
Lab File: BF124604.D
Acq: 16 Jul 2021 19:31

Tgt Ion:112 Resp: 39661
Ion Ratio Lower Upper
112 100
64 55.2 44.2 66.2
63 31.5 26.2 39.2

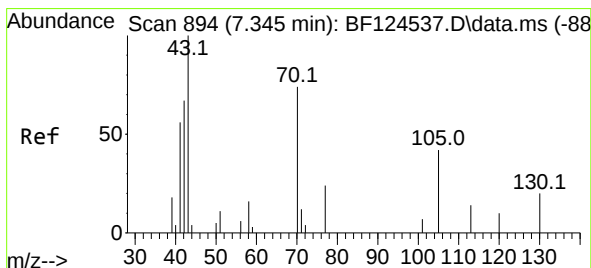
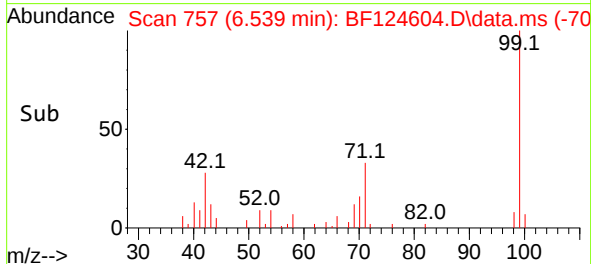
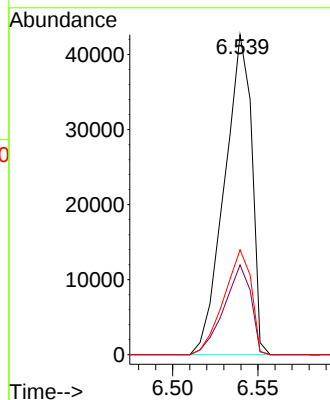
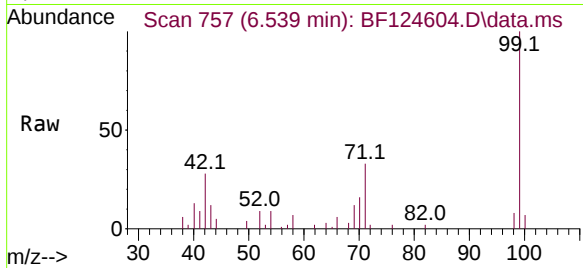




#7
Phenol-d6
Concen: 102.36 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF124604.D
Acq: 16 Jul 2021 19:31

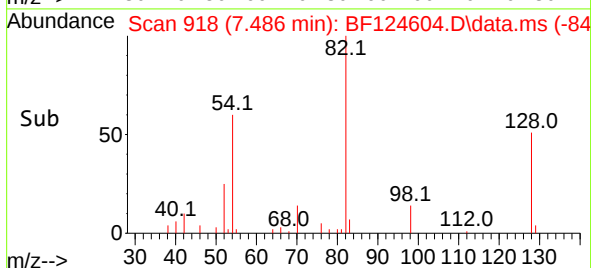
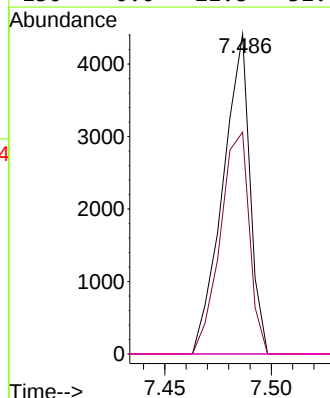
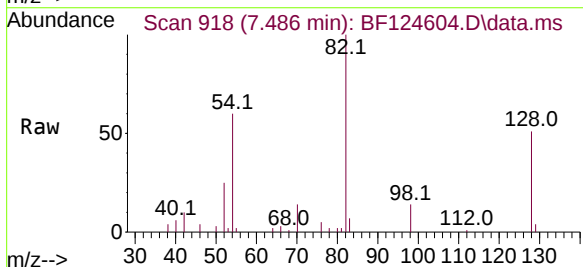
Instrument :
BNA_F
ClientSampleId :
RVR-CF01-01

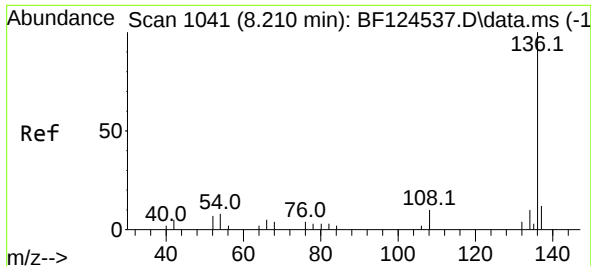
Tgt Ion:	99	Resp:	47336
Ion	Ratio	Lower	Upper
99	100		
42	28.0	23.5	35.3
71	32.8	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.01 ng
RT: 7.486 min Scan# 918
Delta R.T. 0.141 min
Lab File: BF124604.D
Acq: 16 Jul 2021 19:31

Tgt Ion:	70	Resp:	3902
Ion	Ratio	Lower	Upper
70	100		
42	69.3	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

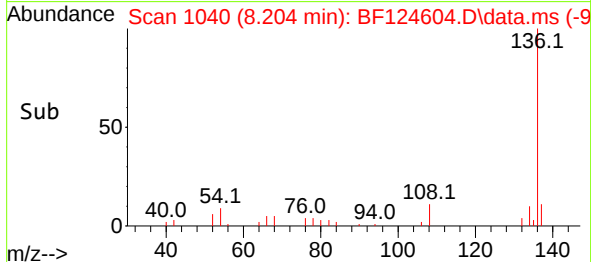
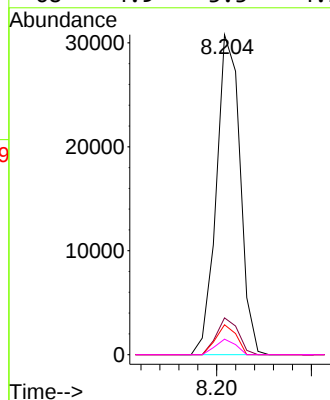
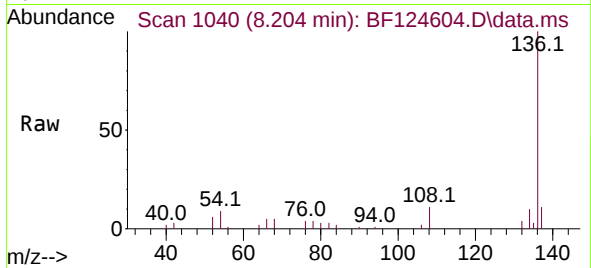




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF124604.D
Acq: 16 Jul 2021 19:31

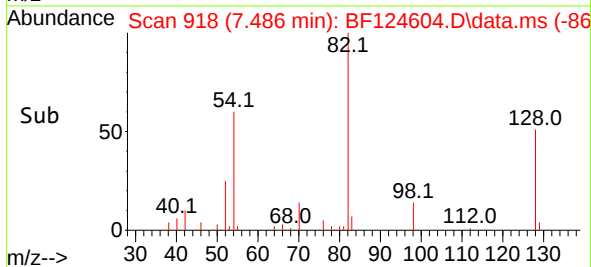
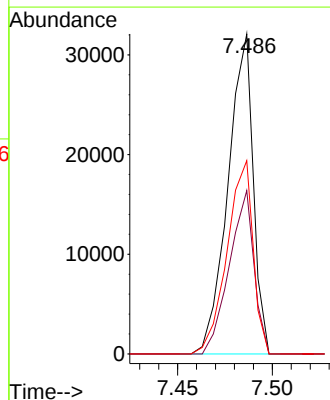
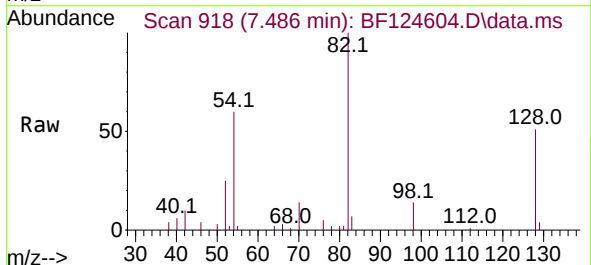
Instrument :
BNA_F
ClientSampleId :
RVR-CF01-01

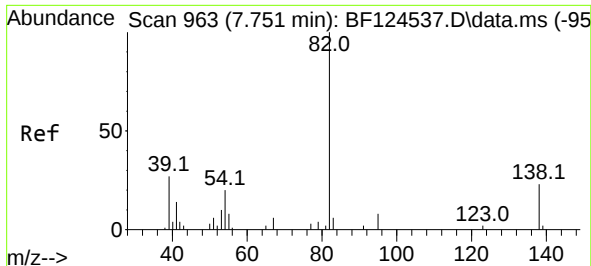
Tgt Ion:136	Resp:	26828
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.8 14.6
54	9.4	6.4 9.6
68	4.9	3.3 4.9



#23
Nitrobenzene-d5
Concen: 69.89 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF124604.D
Acq: 16 Jul 2021 19:31

Tgt Ion: 82	Resp:	29700
Ion Ratio	Lower	Upper
82	100	
128	51.0	40.6 60.8
54	60.4	49.6 74.4

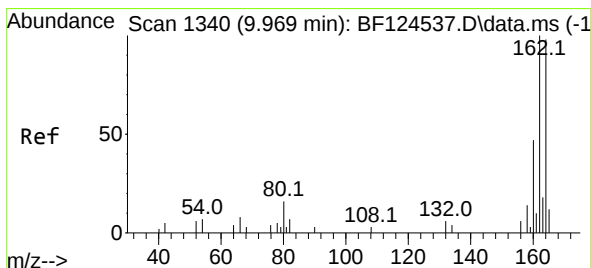
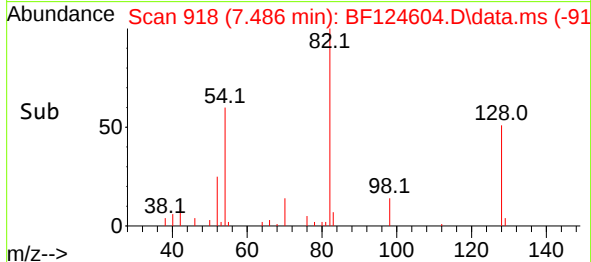
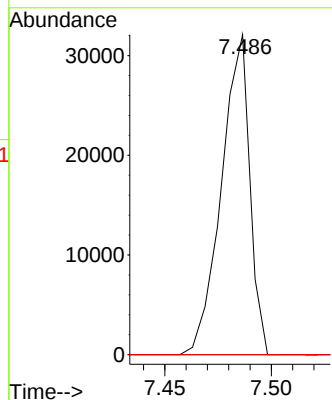
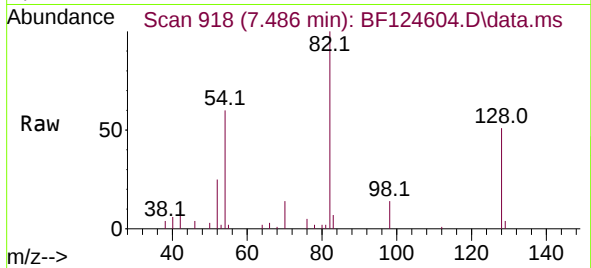




#25
Isophorone
Concen: 38.07 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.265 min
Lab File: BF124604.D
Acq: 16 Jul 2021 19:31

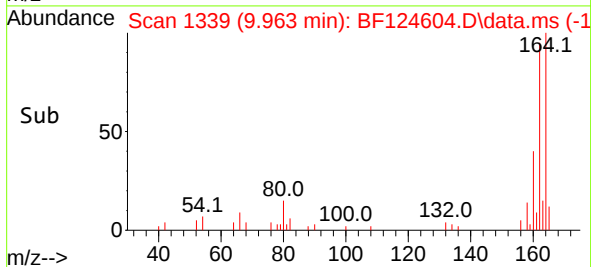
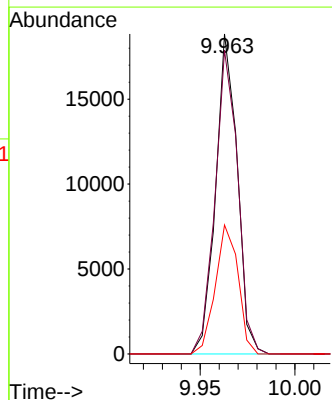
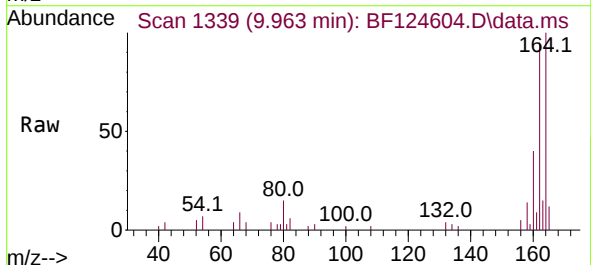
Instrument :
BNA_F
ClientSampleId :
RVR-CF01-01

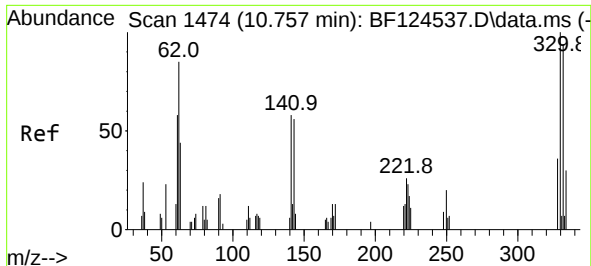
Tgt Ion: 82 Resp: 29699
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF124604.D
Acq: 16 Jul 2021 19:31

Tgt Ion: 164 Resp: 14920
Ion Ratio Lower Upper
164 100
162 94.9 81.3 121.9
160 40.3 38.0 57.0

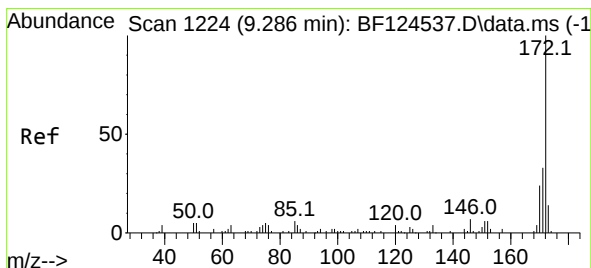
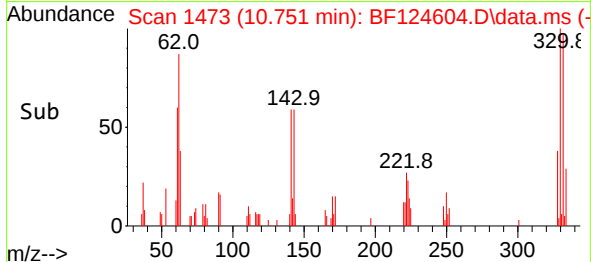
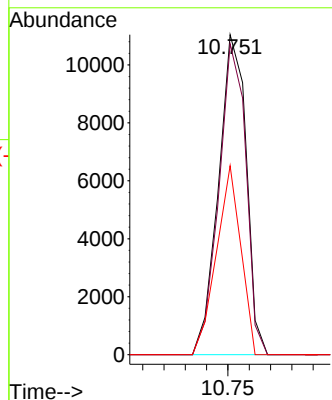
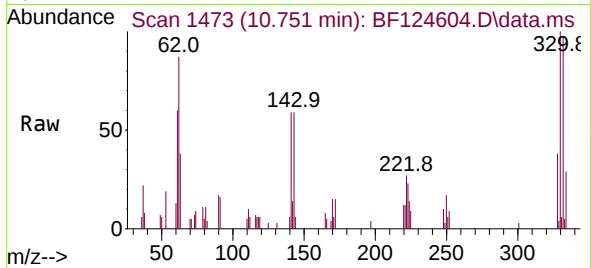




#42
2,4,6-Tribromophenol
Concen: 86.00 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF124604.D
Acq: 16 Jul 2021 19:31

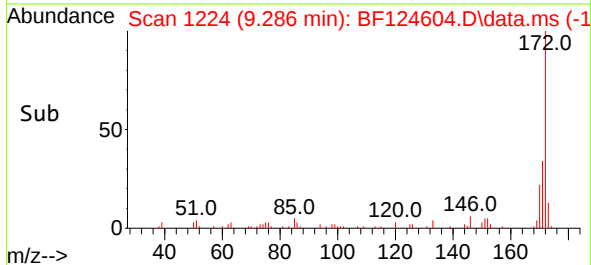
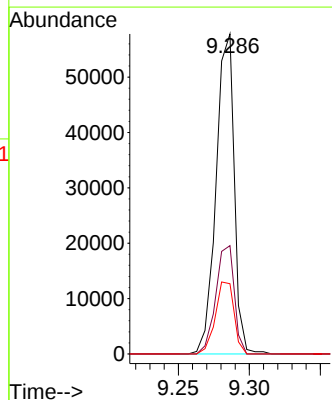
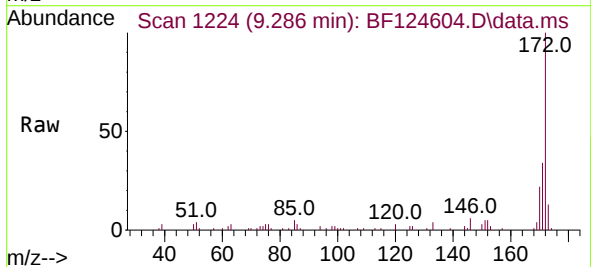
Instrument :
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ClientSampleId :
RVR-CF01-01

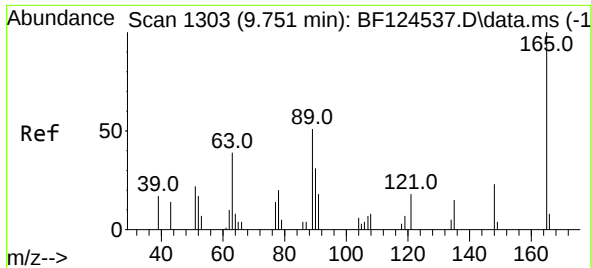
Tgt Ion: 330 Resp: 9985
Ion Ratio Lower Upper
330 100
332 94.7 76.2 114.4
141 51.9 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 50.32 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF124604.D
Acq: 16 Jul 2021 19:31

Tgt Ion: 172 Resp: 51489
Ion Ratio Lower Upper
172 100
171 33.9 26.5 39.7
170 22.0 18.8 28.2

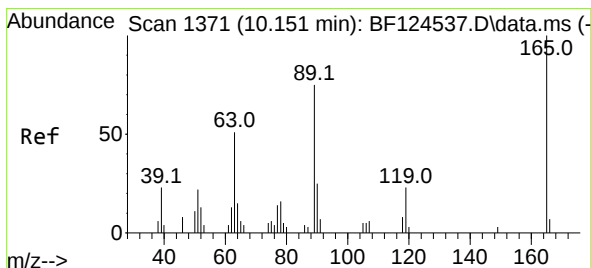
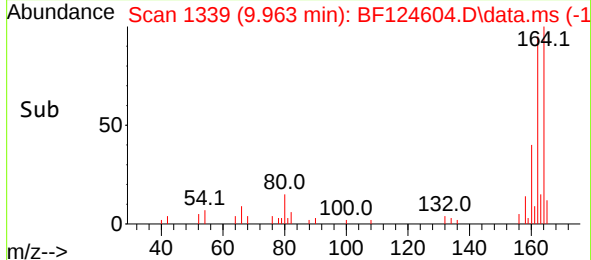
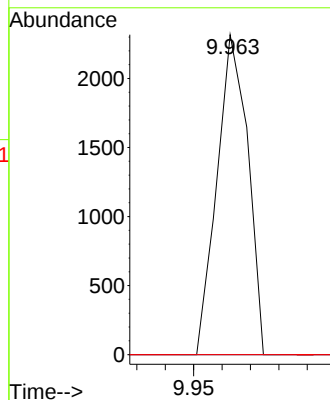
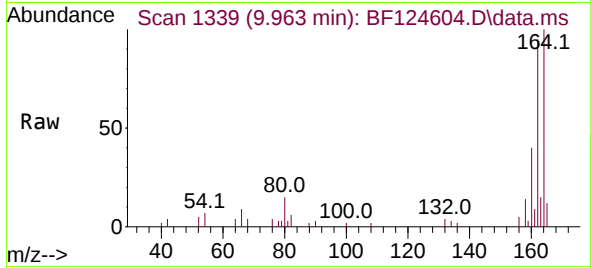




#51
2,6-Dinitrotoluene
Concen: 8.53 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.212 min
Lab File: BF124604.D
Acq: 16 Jul 2021 19:31

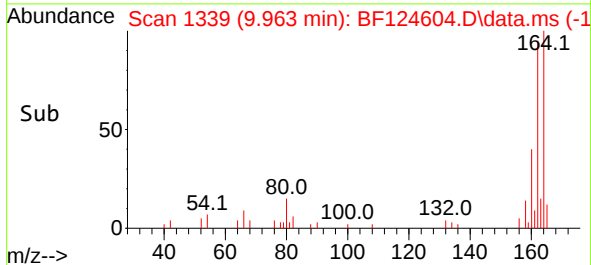
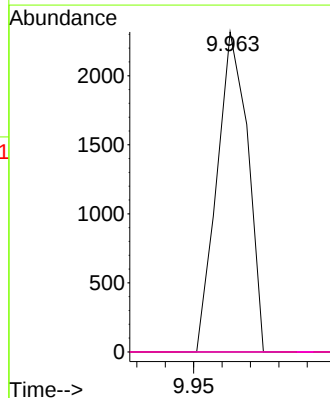
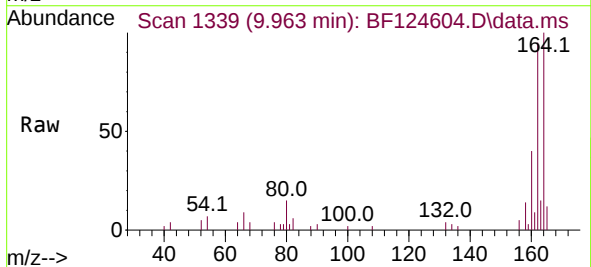
Instrument :
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RVR-CF01-01

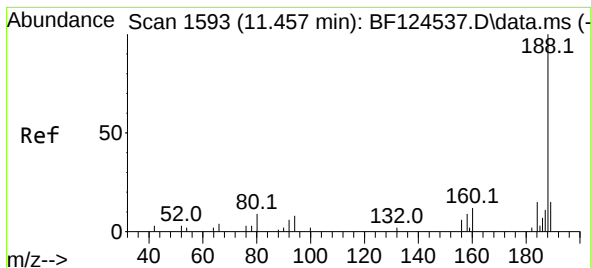
Tgt Ion:165 Resp: 1746
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.23 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.188 min
Lab File: BF124604.D
Acq: 16 Jul 2021 19:31

Tgt Ion:165 Resp: 1746
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

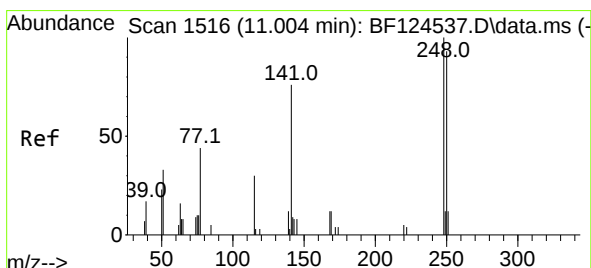
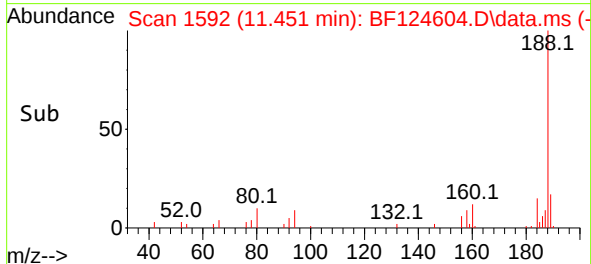
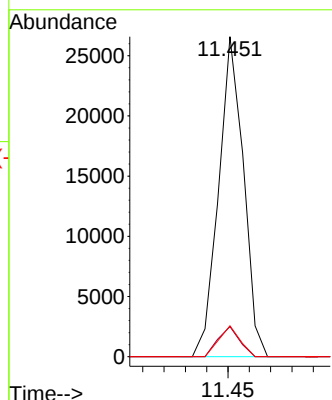
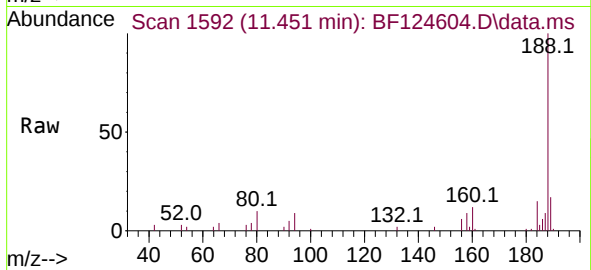




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF124604.D
Acq: 16 Jul 2021 19:31

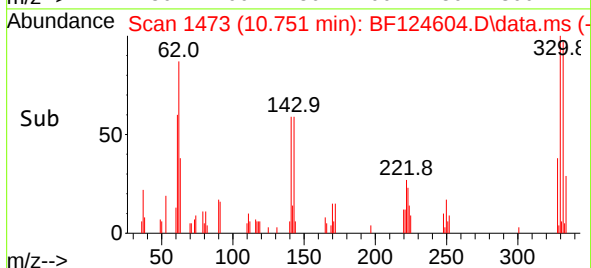
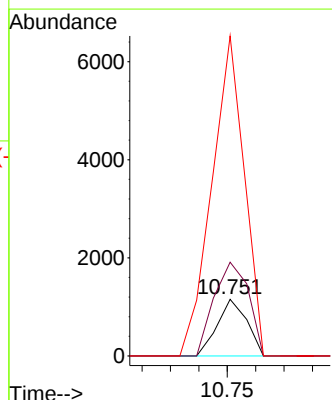
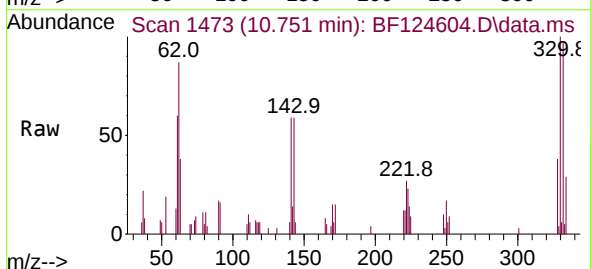
Instrument :
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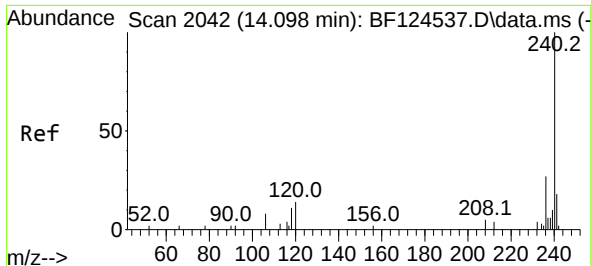
Tgt Ion:188 Resp: 21554
Ion Ratio Lower Upper
188 100
94 9.4 6.7 10.1
80 9.6 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.75 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.253 min
Lab File: BF124604.D
Acq: 16 Jul 2021 19:31

Tgt Ion:248 Resp: 835
Ion Ratio Lower Upper
248 100
250 165.3 74.2 111.4#
141 564.4 60.4 90.6#

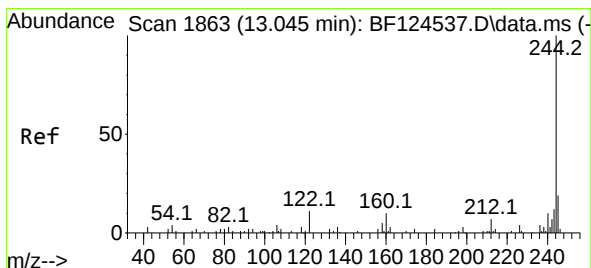
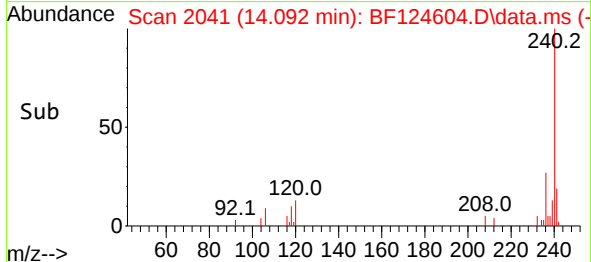
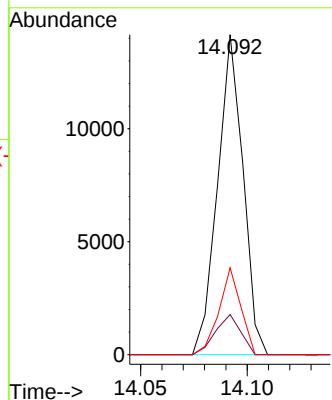
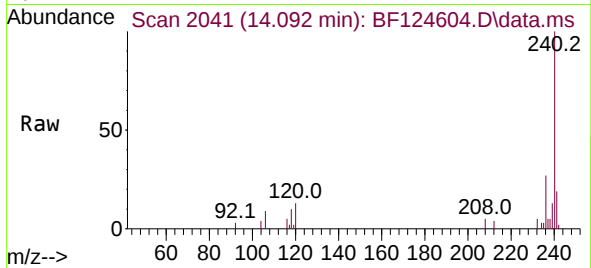




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF124604.D
Acq: 16 Jul 2021 19:31

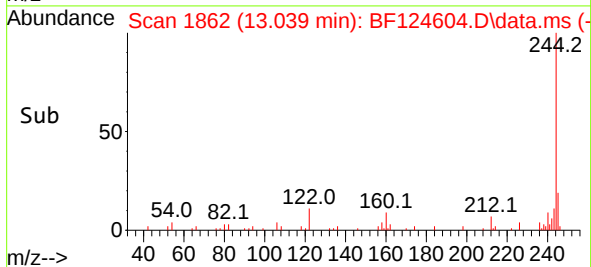
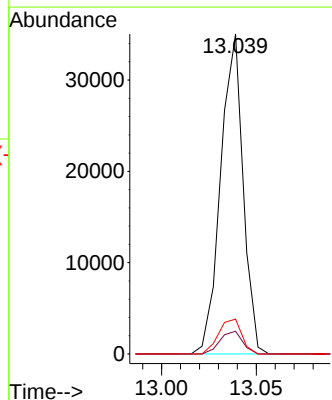
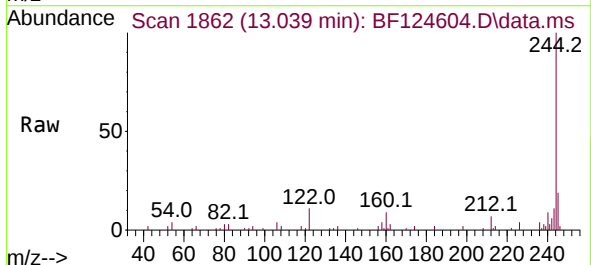
Instrument :
BNA_F
ClientSampleId :
RVR-CF01-01

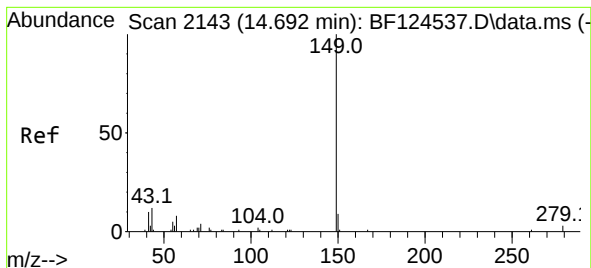
Tgt Ion:240 Resp: 11745
Ion Ratio Lower Upper
240 100
120 12.5 10.8 16.2
236 27.2 21.6 32.4



#79
Terphenyl-d14
Concen: 41.27 ng
RT: 13.039 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BF124604.D
Acq: 16 Jul 2021 19:31

Tgt Ion:244 Resp: 28863
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 10.9 9.0 13.4

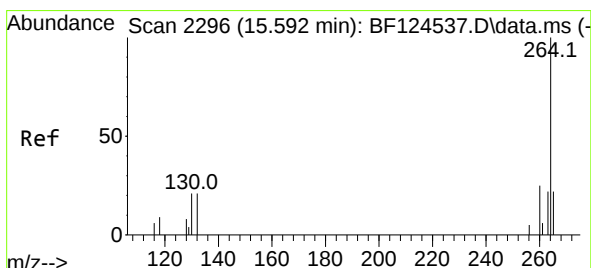
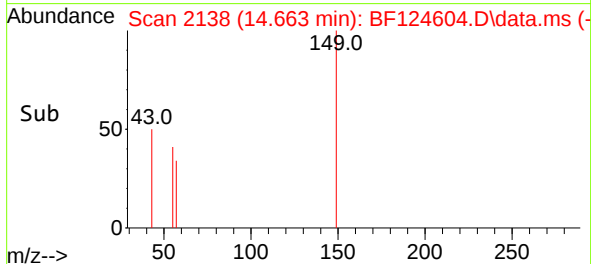
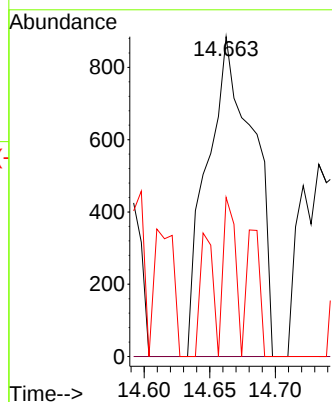
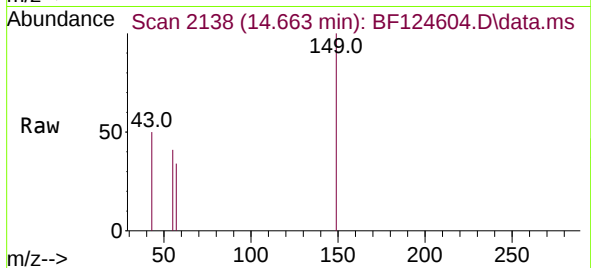




#85
Di-n-octyl phthalate
Concen: 2.38 ng
RT: 14.663 min Scan# 2138
Delta R.T. -0.029 min
Lab File: BF124604.D
Acq: 16 Jul 2021 19:31

Instrument :
BNA_F
ClientSampleId :
RVR-CF01-01

Tgt Ion:149 Resp: 2185
Ion Ratio Lower Upper
149 100
167 0.0 1.0 1.6#
43 13.0 9.9 14.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.592 min Scan# 2296
Delta R.T. 0.000 min
Lab File: BF124604.D
Acq: 16 Jul 2021 19:31

Tgt Ion:264 Resp: 10780
Ion Ratio Lower Upper
264 100
260 23.6 19.6 29.4
265 19.4 17.2 25.8

