

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112520\
 Data File : BF122489.D
 Acq On : 25 Nov 2020 17:28
 Operator : JU/CG
 Sample : L4880-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KENS-B4-112320-6-8

Quant Time: Nov 26 00:12:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 24 14:38:56 2020
 Response via : Initial Calibration

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

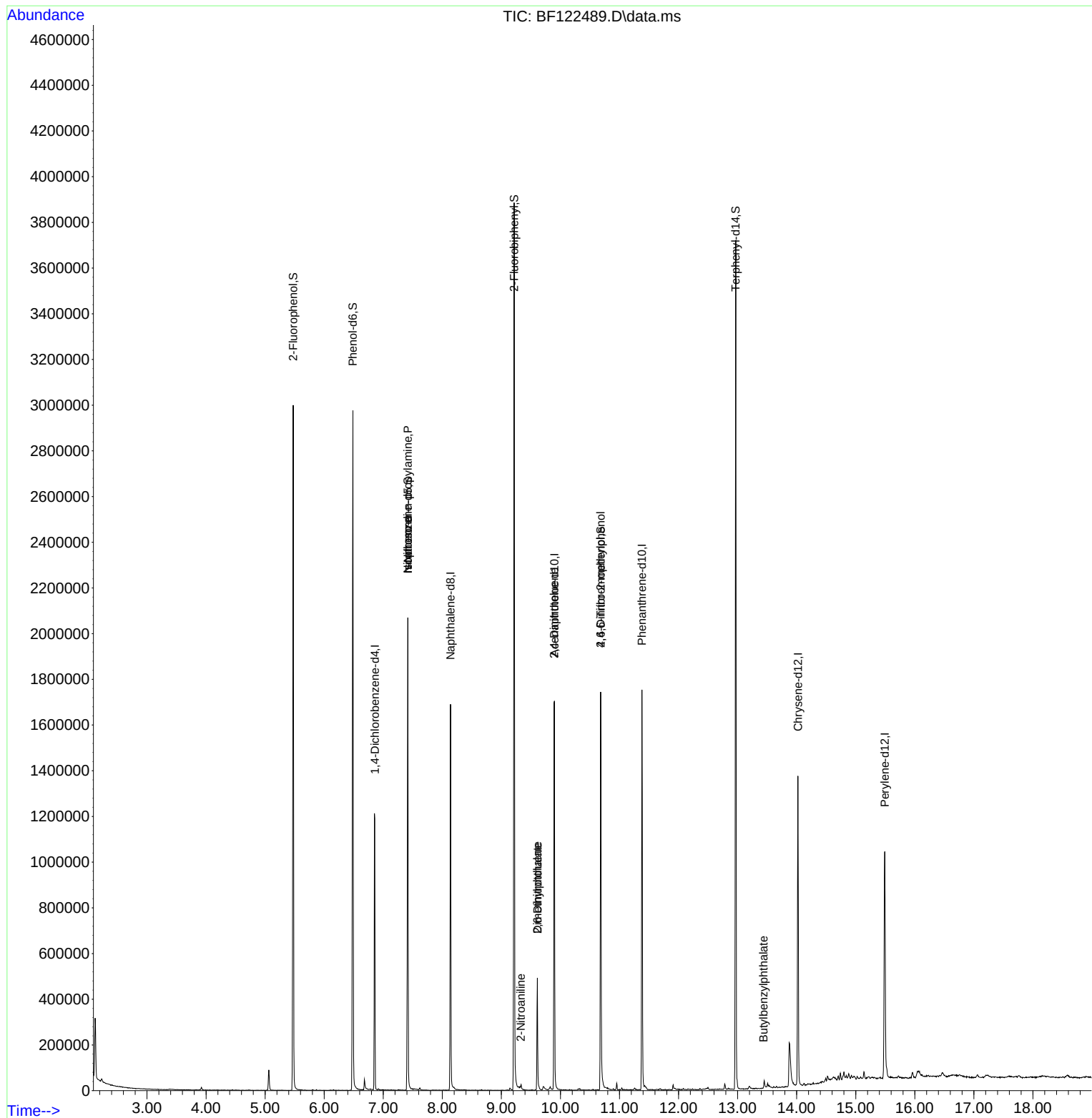
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	187359	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	725629	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	382299	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	672161	20.00	ng	0.00
76) Chrysene-d12	14.021	240	465088	20.00	ng	-0.01
86) Perylene-d12	15.492	264	494884	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	791477	64.87	ng	0.00
7) Phenol-d6	6.487	99	1014034	63.53	ng	-0.01
23) Nitrobenzene-d5	7.416	82	622537	52.52	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	230209	56.11	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	1220468	49.88	ng	0.00
79) Terphenyl-d14	12.969	244	1146610	52.23	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.487	77	1456	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.416	70	83503	8.75	ng	# 74
25) Isophorone	7.416	82	612665	23.19	ng	# 67
48) 2-Nitroaniline	9.328	65	108	5.18	ng	# 6
50) Dimethylphthalate	9.610	163	220937	8.13	ng	# 99
51) 2,6-Dinitrotoluene	9.610	165	1966	4.11	ng	# 28
57) 2,4-Dinitrotoluene	9.892	165	50190	10.66	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.680	198	447	6.34	ng	# 1
80) Butylbenzylphthalate	13.439	149	216	3.30	ng	# 21

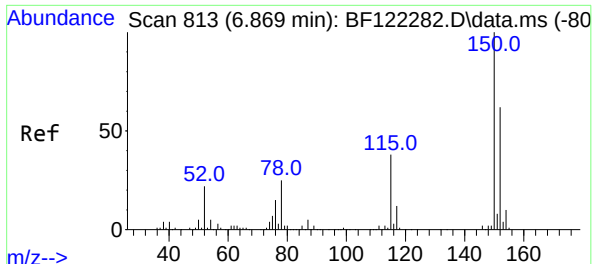
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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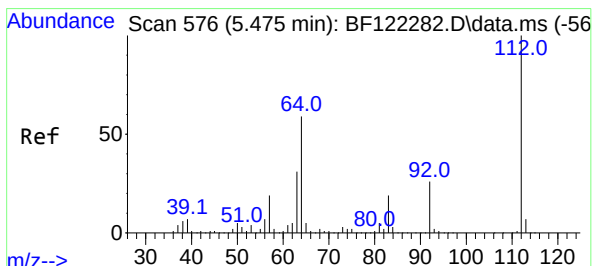
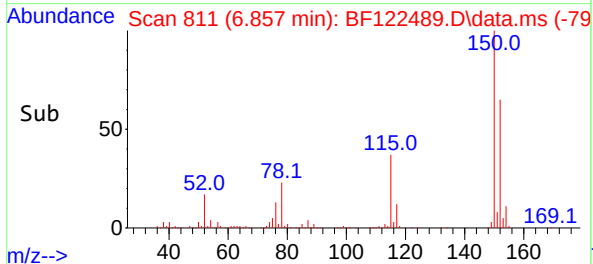
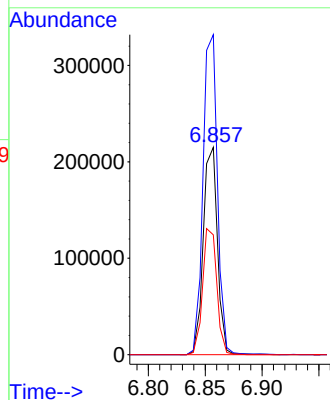
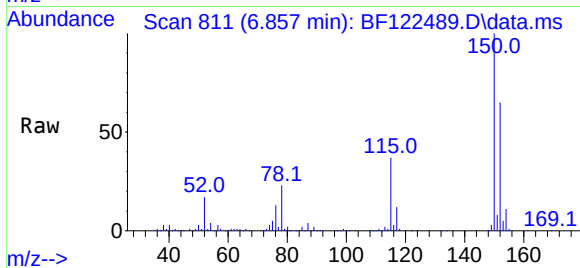




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF122489.D
Acq: 25 Nov 2020 17:28

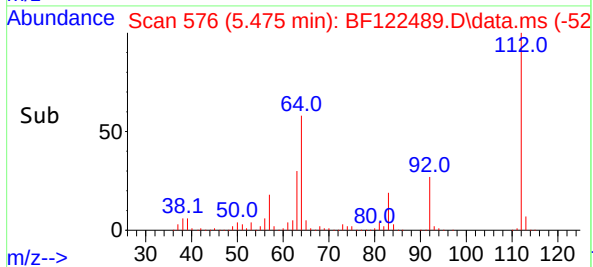
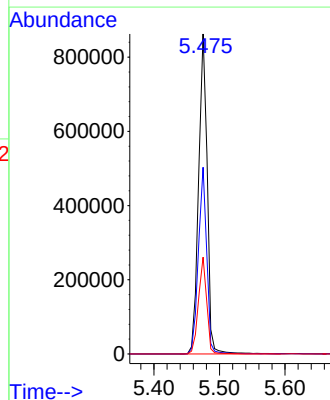
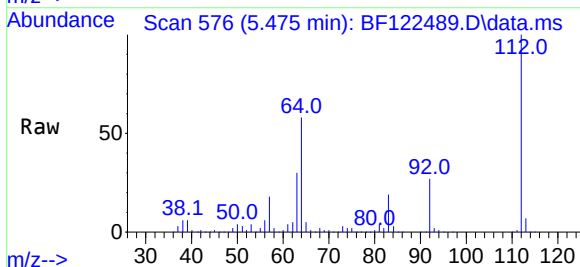
Instrument :
BNA_F
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KENS-B4-112320-6-8

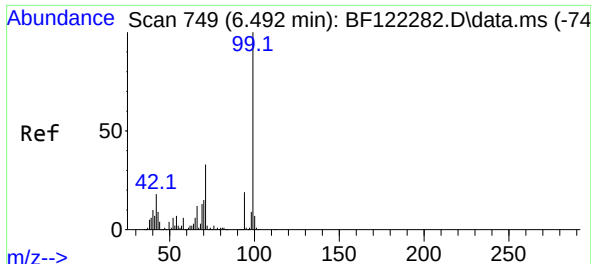
Tgt Ion:152 Resp: 187359
Ion Ratio Lower Upper
152 100
150 154.3 125.3 187.9
115 57.8 51.9 77.9



#5
2-Fluorophenol
Concen: 64.87 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF122489.D
Acq: 25 Nov 2020 17:28

Tgt Ion:112 Resp: 791477
Ion Ratio Lower Upper
112 100
64 58.3 50.4 75.6
63 30.2 25.8 38.6

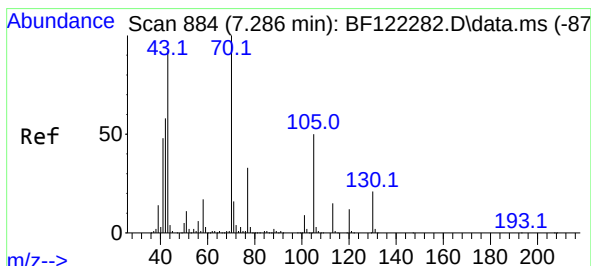
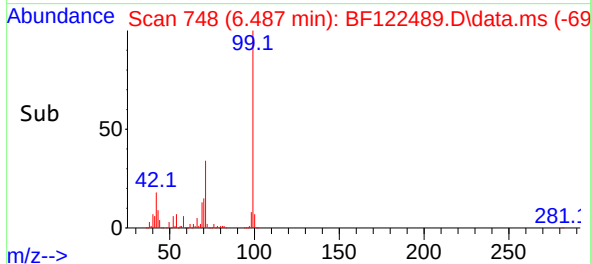
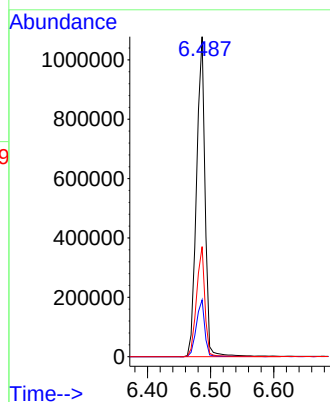
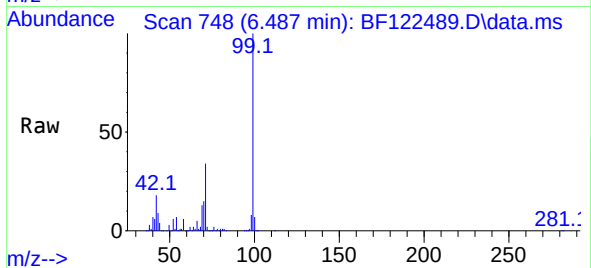




#7
Phenol-d6
Concen: 63.53 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF122489.D
Acq: 25 Nov 2020 17:28

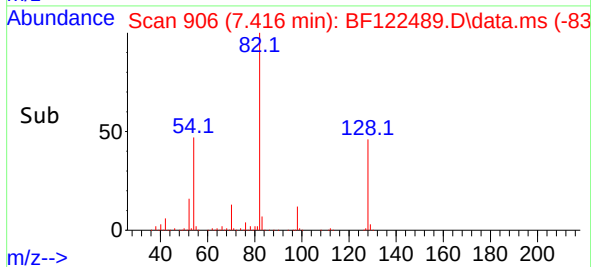
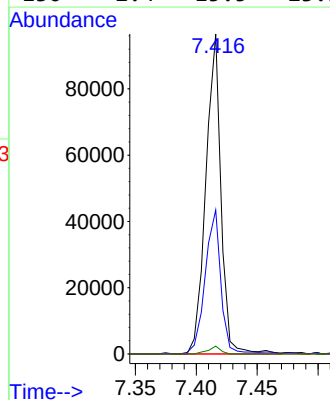
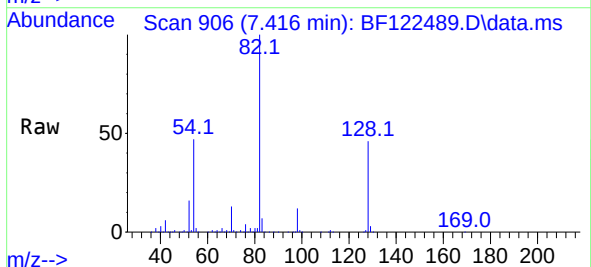
Instrument :
BNA_F
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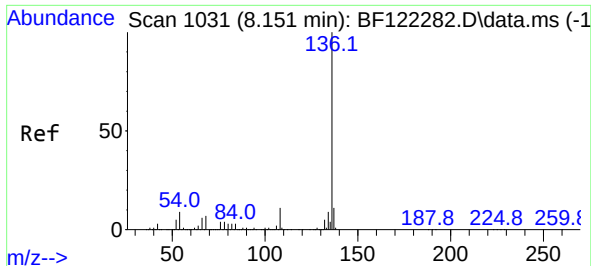
Tgt Ion: 99 Resp: 1014034
Ion Ratio Lower Upper
99 100
42 17.8 15.9 23.9
71 34.4 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 8.75 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.135 min
Lab File: BF122489.D
Acq: 25 Nov 2020 17:28

Tgt Ion: 70 Resp: 83503
Ion Ratio Lower Upper
70 100
42 45.0 50.2 75.4#
101 0.0 7.5 11.3#
130 2.4 15.5 23.3#



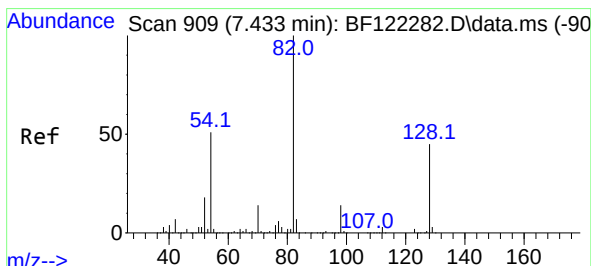
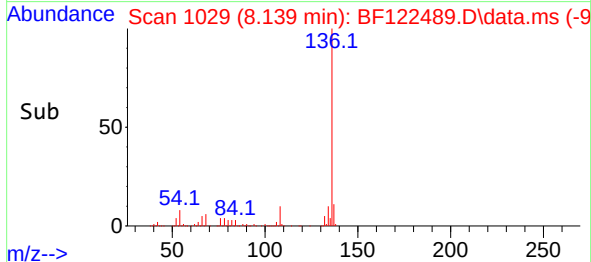
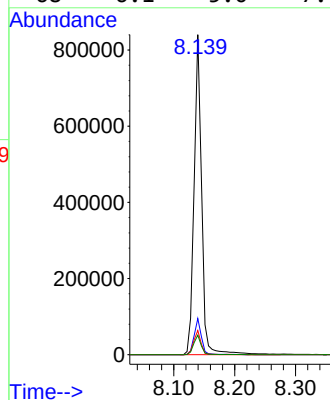
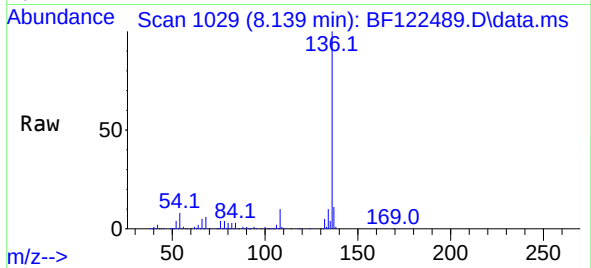


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF122489.D
Acq: 25 Nov 2020 17:28

Instrument :
BNA_F
ClientSampleId :
KENS-B4-112320-6-8

Tgt Ion:136 Resp: 725629

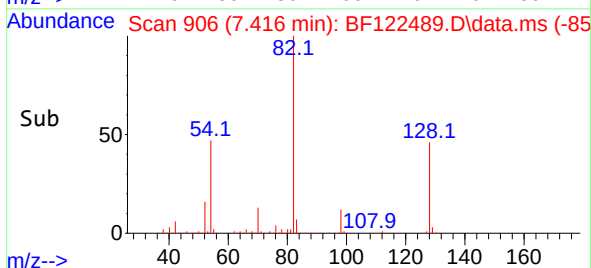
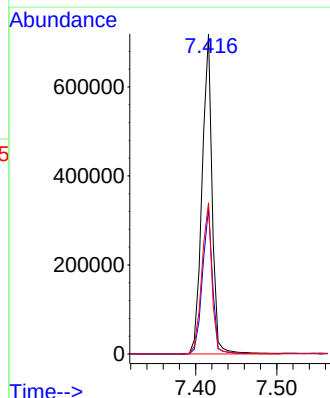
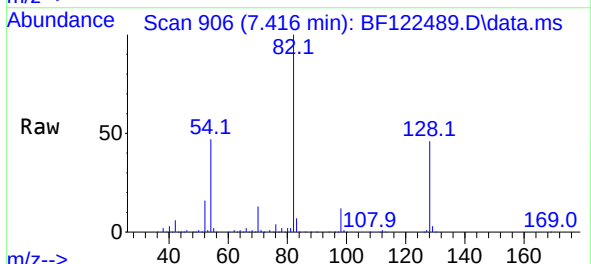
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	7.6	7.1	10.7
68	6.1	5.0	7.4

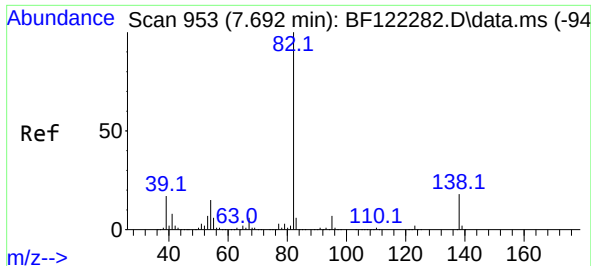


#23
Nitrobenzene-d5
Concen: 52.52 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF122489.D
Acq: 25 Nov 2020 17:28

Tgt Ion: 82 Resp: 622537

Ion	Ratio	Lower	Upper
82	100		
128	45.7	35.0	52.4
54	47.2	43.9	65.9

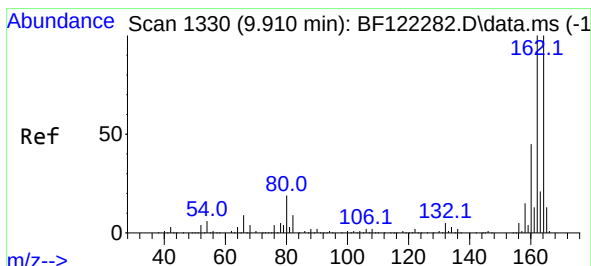
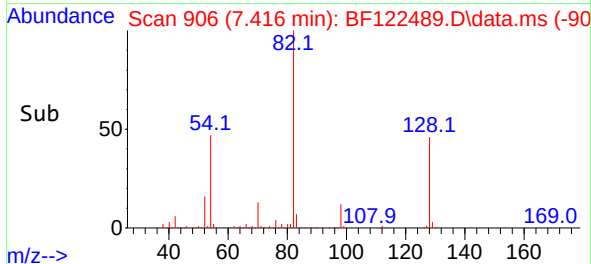
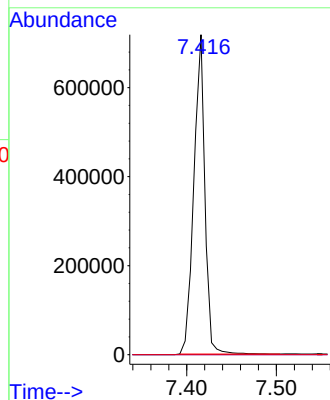
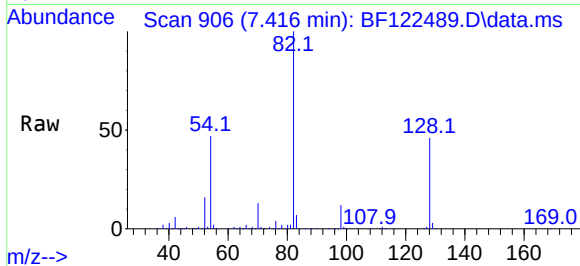




#25
Isophorone
Concen: 23.19 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.271 min
Lab File: BF122489.D
Acq: 25 Nov 2020 17:28

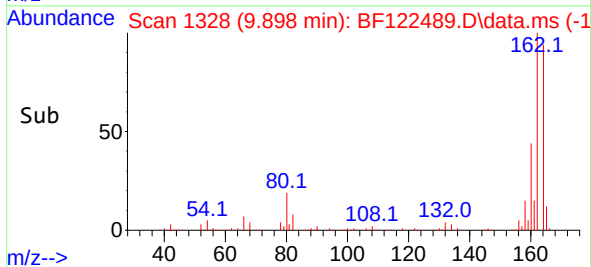
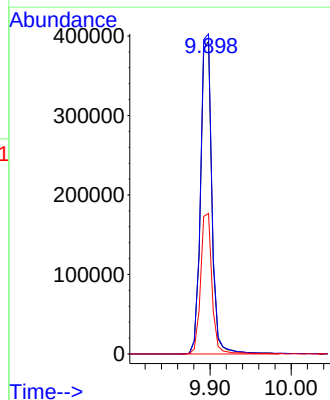
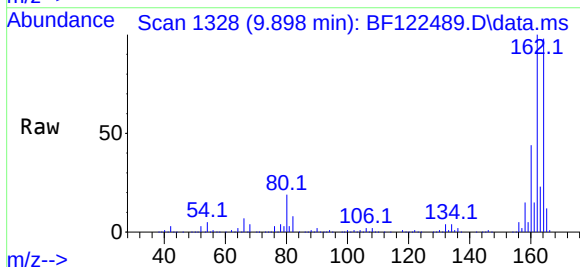
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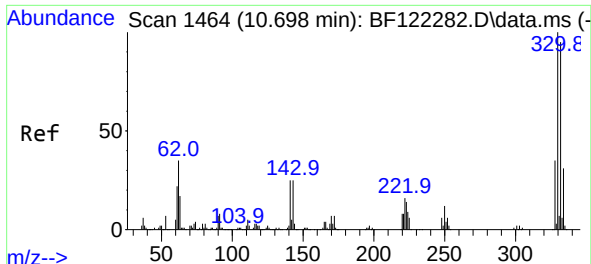
Tgt Ion: 82 Resp: 612665
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF122489.D
Acq: 25 Nov 2020 17:28

Tgt Ion:164 Resp: 382299
Ion Ratio Lower Upper
164 100
162 102.3 83.2 124.8
160 44.9 37.5 56.3

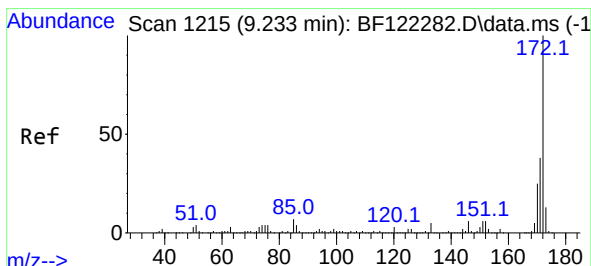
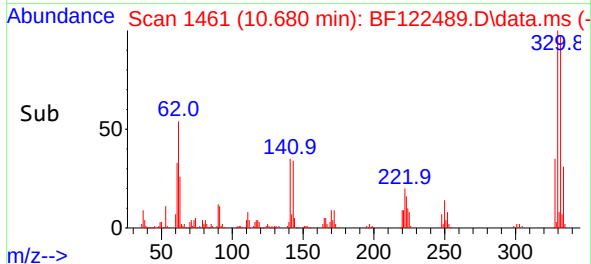
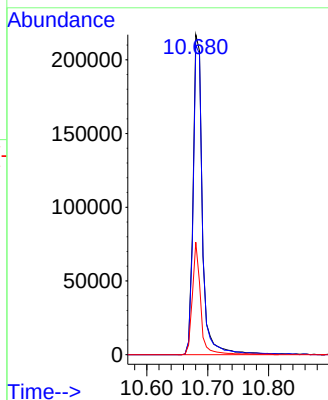
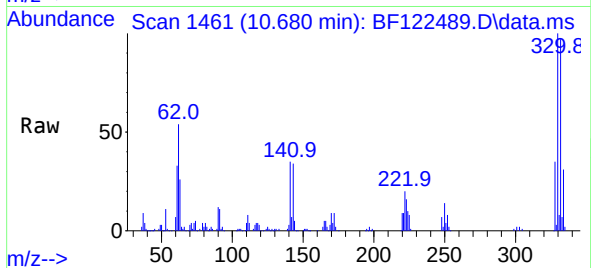




#42
2,4,6-Tribromophenol
Concen: 56.11 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF122489.D
Acq: 25 Nov 2020 17:28

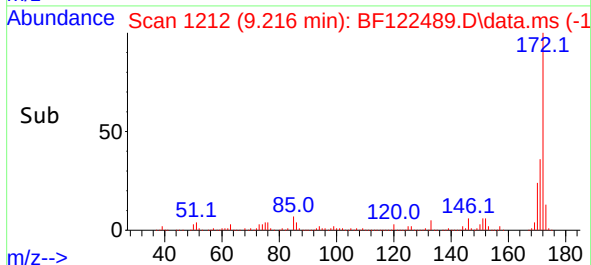
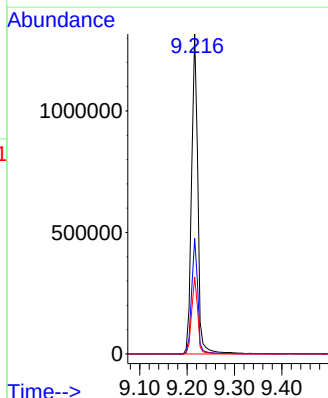
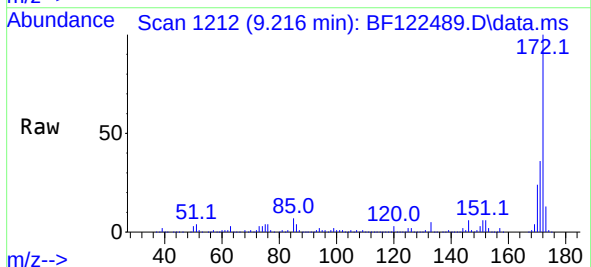
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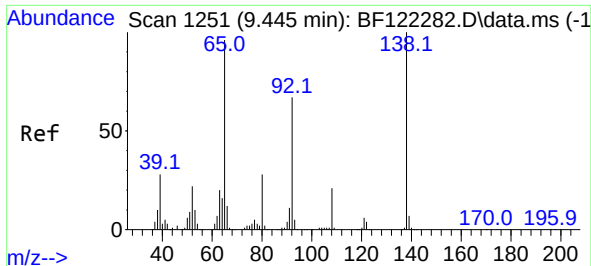
Tgt Ion: 330 Resp: 230209
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 31.2 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 49.88 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF122489.D
Acq: 25 Nov 2020 17:28

Tgt Ion: 172 Resp: 1220468
Ion Ratio Lower Upper
172 100
171 36.1 29.1 43.7
170 24.0 19.8 29.6

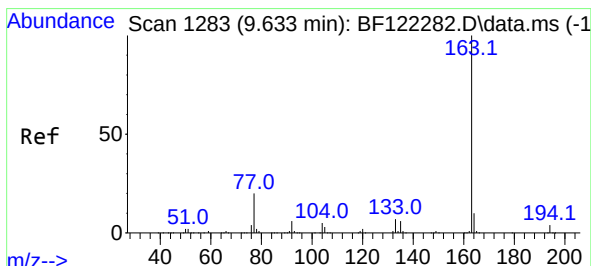
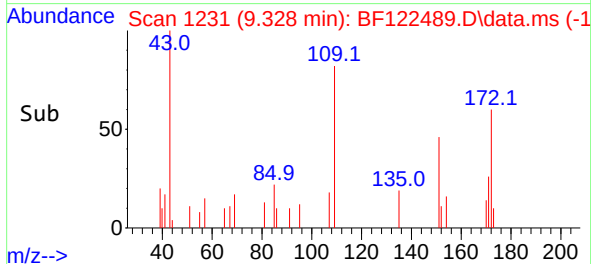
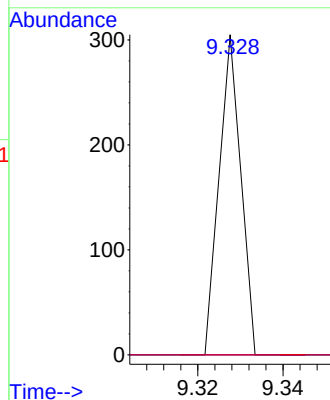
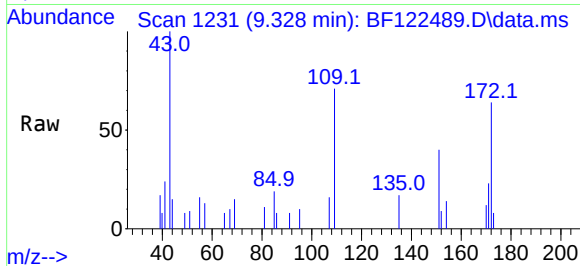




#48
2-Nitroaniline
Concen: 5.18 ng
RT: 9.328 min Scan# 1231
Delta R.T. -0.118 min
Lab File: BF122489.D
Acq: 25 Nov 2020 17:28

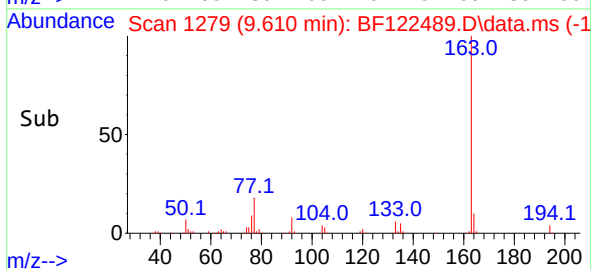
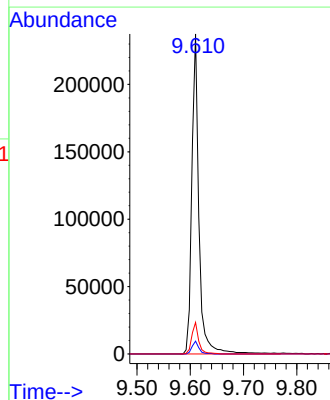
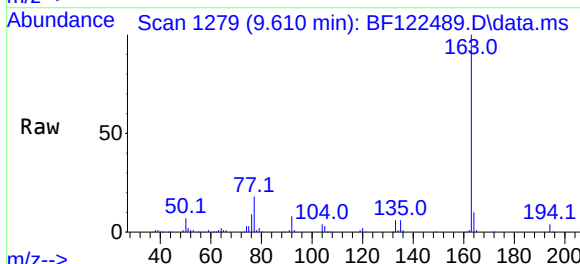
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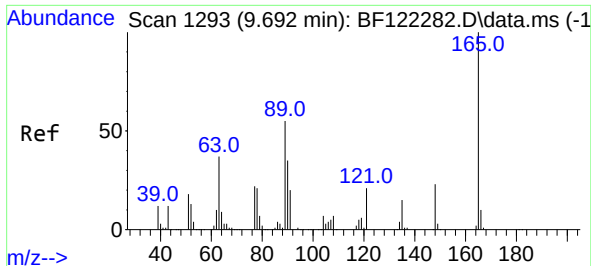
Tgt Ion: 65 Resp: 108
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#



#50
Dimethylphthalate
Concen: 8.13 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF122489.D
Acq: 25 Nov 2020 17:28

Tgt Ion: 163 Resp: 220937
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.8 8.2 12.4

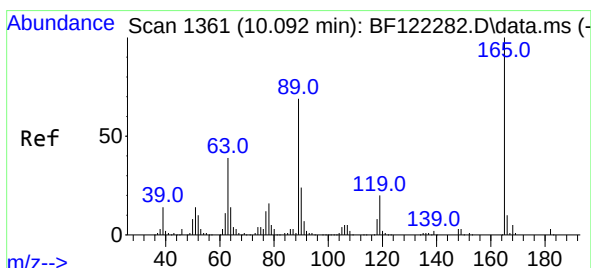
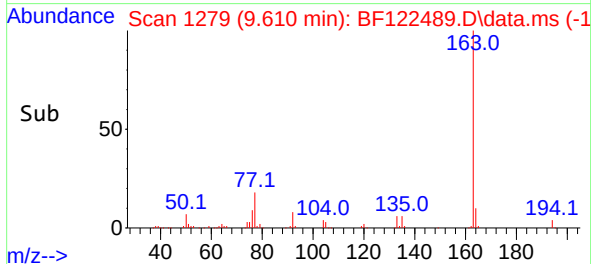
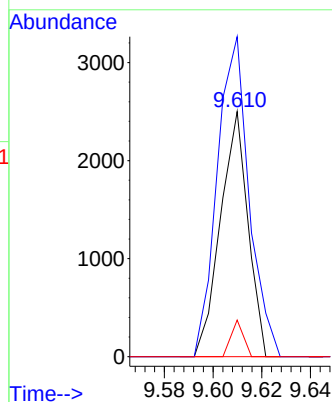
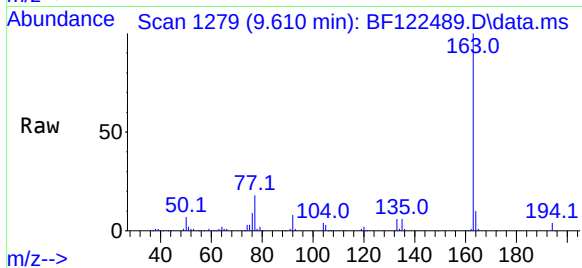




#51
2,6-Dinitrotoluene
Concen: 4.11 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.077 min
Lab File: BF122489.D
Acq: 25 Nov 2020 17:28

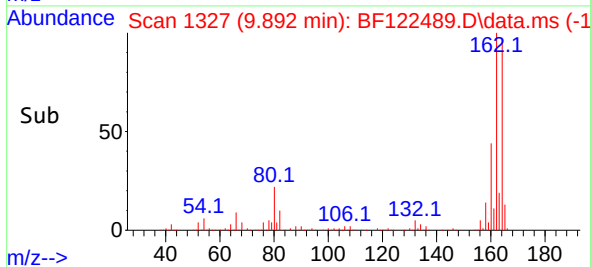
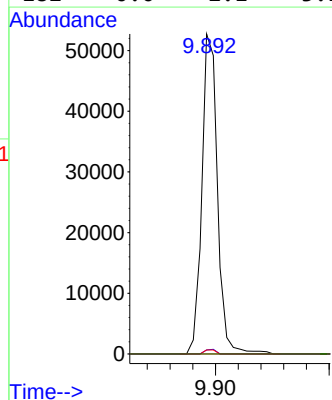
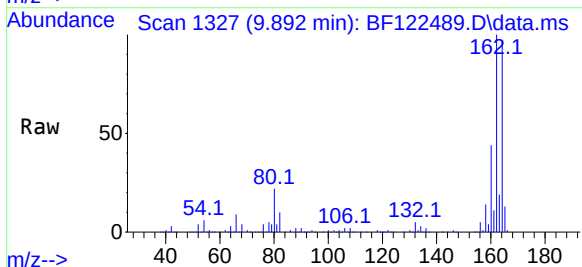
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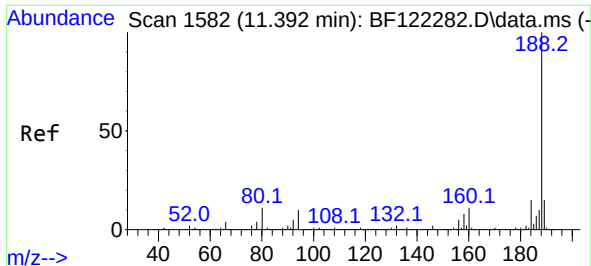
Tgt Ion:165 Resp: 1966
Ion Ratio Lower Upper
165 100
63 130.6 51.8 77.6#
89 14.9 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 10.66 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.194 min
Lab File: BF122489.D
Acq: 25 Nov 2020 17:28

Tgt Ion:165 Resp: 50190
Ion Ratio Lower Upper
165 100
63 1.2 41.3 61.9#
89 1.3 61.8 92.8#
182 0.0 2.1 3.1#

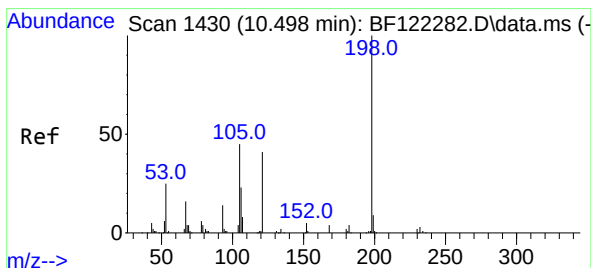
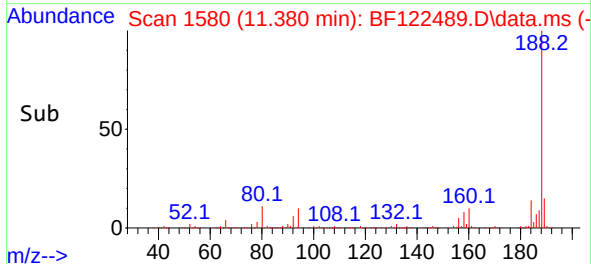
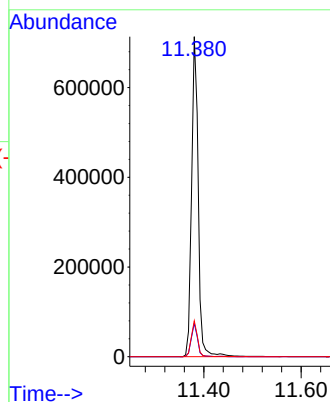
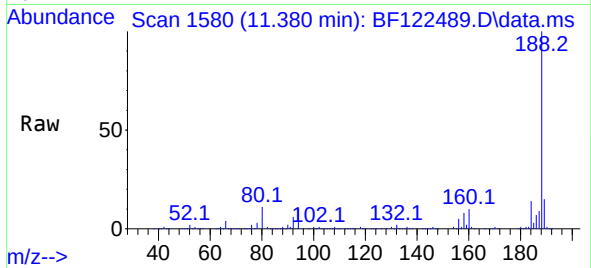




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF122489.D
Acq: 25 Nov 2020 17:28

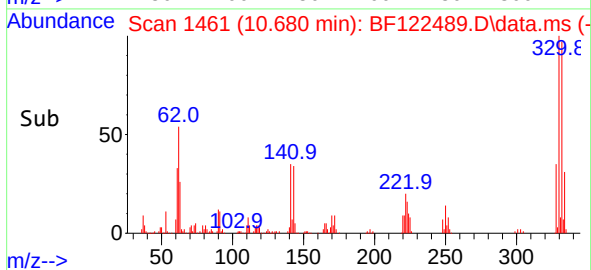
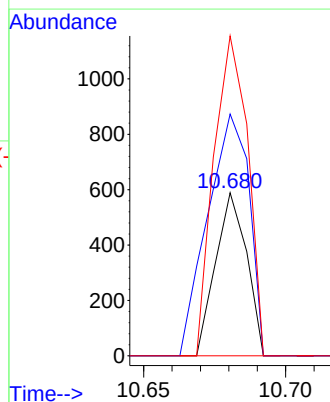
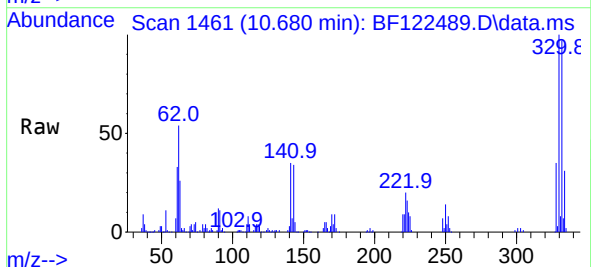
Instrument :
BNA_F
ClientSampleId :
KENS-B4-112320-6-8

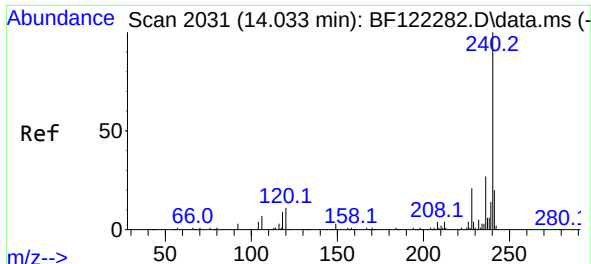
Tgt Ion:188 Resp: 672161
Ion Ratio Lower Upper
188 100
94 10.4 8.3 12.5
80 11.2 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 6.34 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.182 min
Lab File: BF122489.D
Acq: 25 Nov 2020 17:28

Tgt Ion:198 Resp: 447
Ion Ratio Lower Upper
198 100
51 148.2 29.6 69.6#
105 196.1 24.4 64.4#

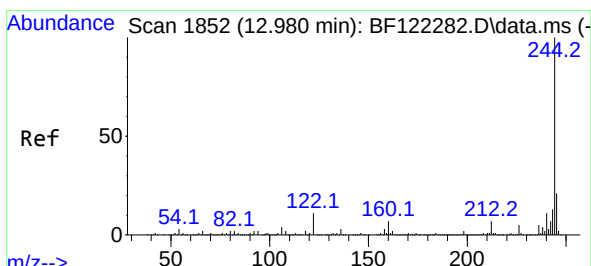
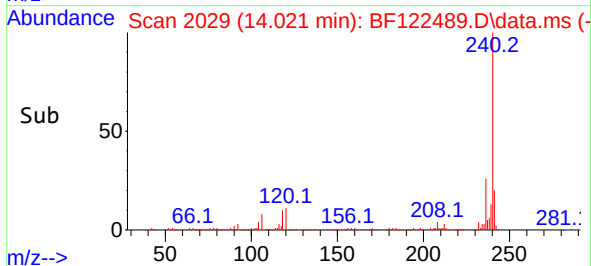
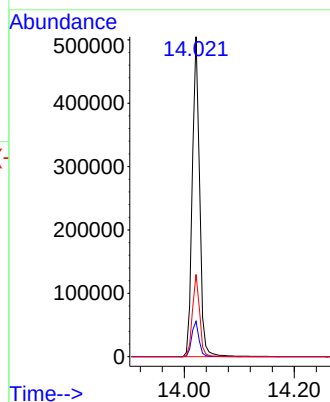
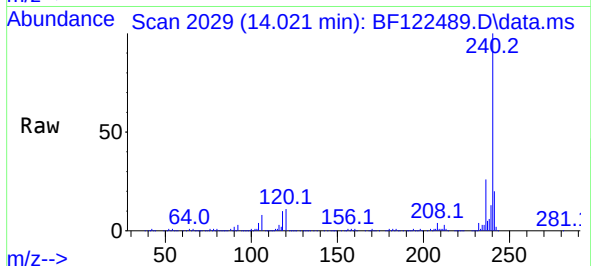




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF122489.D
Acq: 25 Nov 2020 17:28

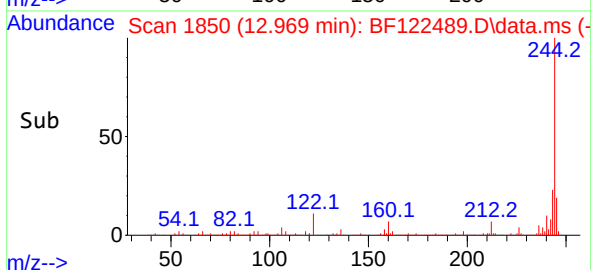
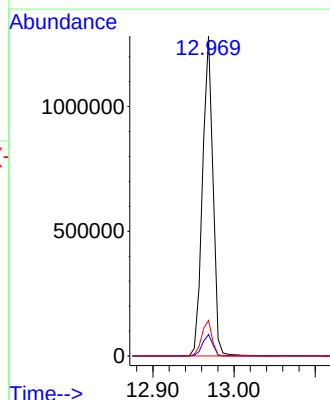
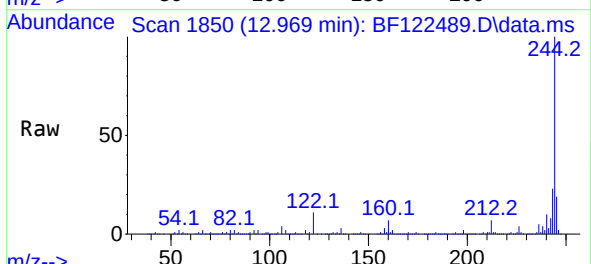
Instrument :
BNA_F
ClientSampleId :
KENS-B4-112320-6-8

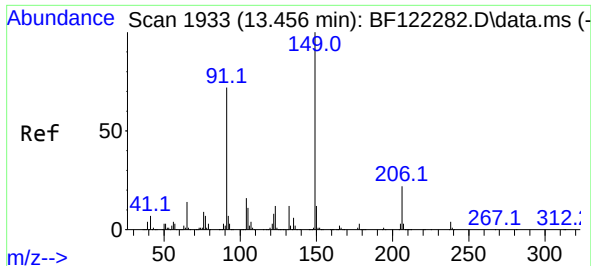
Tgt Ion:240 Resp: 465088
Ion Ratio Lower Upper
240 100
120 11.0 9.2 13.8
236 25.7 20.9 31.3



#79
Terphenyl-d14
Concen: 52.23 ng
RT: 12.969 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF122489.D
Acq: 25 Nov 2020 17:28

Tgt Ion:244 Resp: 1146610
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.2
122 11.1 8.1 12.1

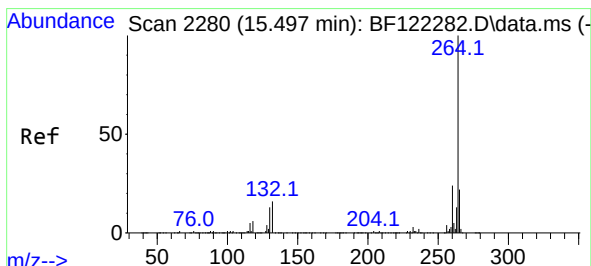
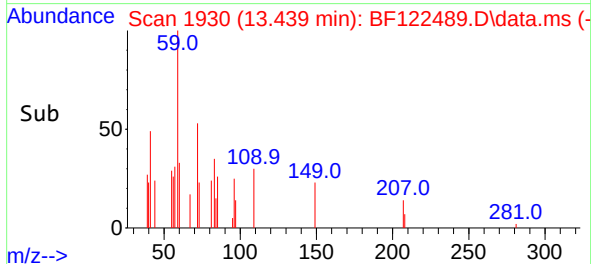
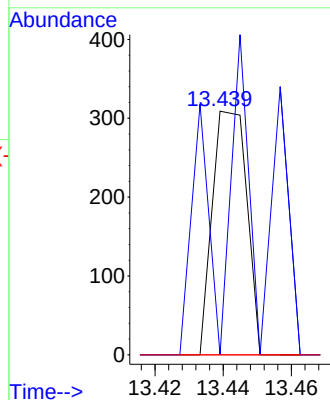
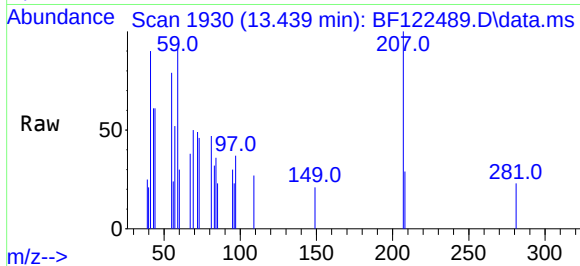




#80
Butylbenzylphthalate
Concen: 3.30 ng
RT: 13.439 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BF122489.D
Acq: 25 Nov 2020 17:28

Instrument :
BNA_F
ClientSampleId :
KENS-B4-112320-6-8

Tgt Ion:	149	Resp:	216
Ion	Ratio	Lower	Upper
149	100		
91	0.0	61.0	91.4#
206	0.0	16.7	25.1#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.012 min
Lab File: BF122489.D
Acq: 25 Nov 2020 17:28

Tgt Ion:	264	Resp:	494884
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.2	17.3	25.9

