

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052721\  
 Data File : BF124102.D  
 Acq On : 27 May 2021 20:32  
 Operator : JU/CG  
 Sample : M2539-01  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-PS-01-073

Quant Time: May 28 03:06:55 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF051421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 27 13:12:25 2021  
 Response via : Initial Calibration

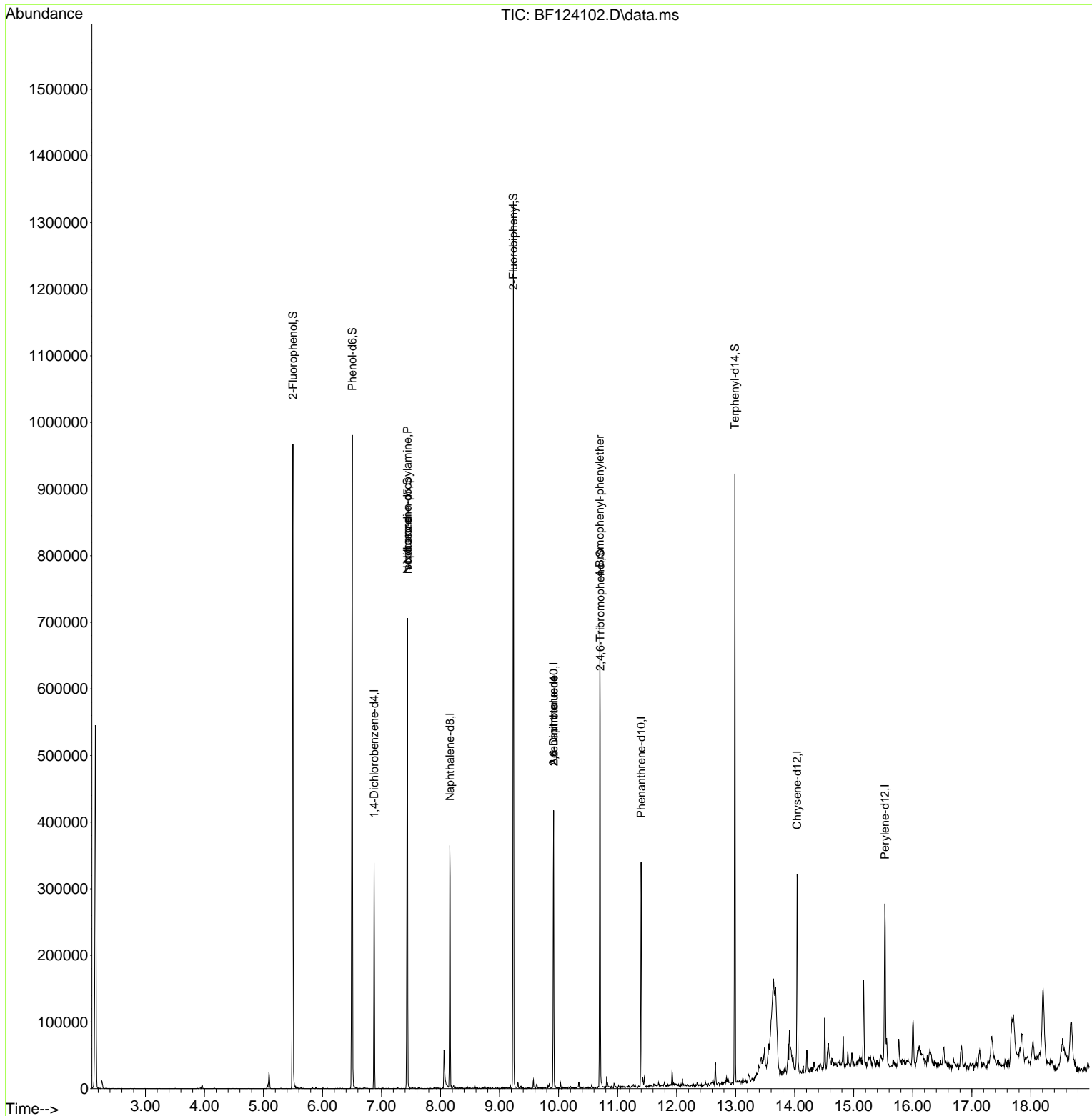
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	36625	20.00	ng	0.00
21) Naphthalene-d8	8.157	136	137565	20.00	ng	# 0.00
39) Acenaphthene-d10	9.916	164	72939	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	114731	20.00	ng	# 0.00
76) Chrysene-d12	14.039	240	93600	20.00	ng	0.00
86) Perylene-d12	15.527	264	102369	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	203967	78.19	ng	0.00
7) Phenol-d6	6.504	99	257095	75.98	ng	0.00
23) Nitrobenzene-d5	7.440	82	207368	64.95	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	69256	79.05	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	318333	53.71	ng	0.00
79) Terphenyl-d14	12.986	244	240528	38.92	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.440	70	27588	12.07	ng	# 75
25) Isophorone	7.440	82	207365	33.76	ng	# 69
51) 2,6-Dinitrotoluene	9.916	165	10128	8.60	ng	# 12
57) 2,4-Dinitrotoluene	9.916	165	10128	7.01	ng	# 17
67) 4-Bromophenyl-phenylether	10.698	248	4582	3.04	ng	# 1

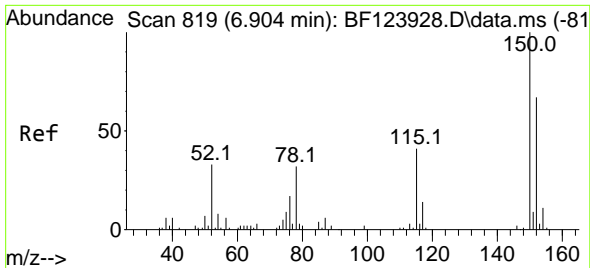
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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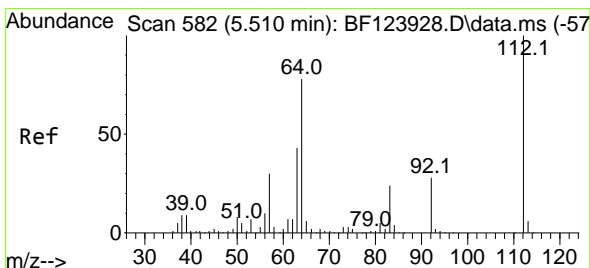
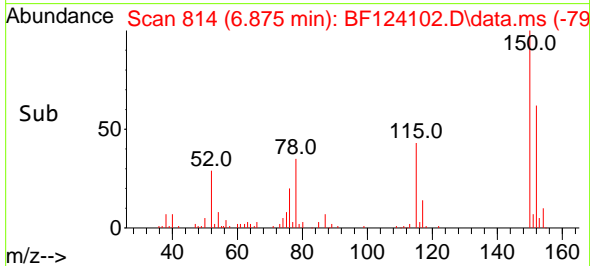
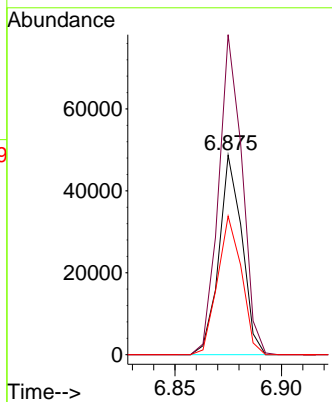
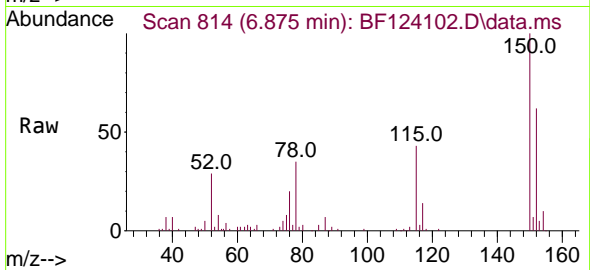




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.875 min Scan# 814  
 Delta R.T. -0.006 min  
 Lab File: BF124102.D  
 Acq: 27 May 2021 20:32

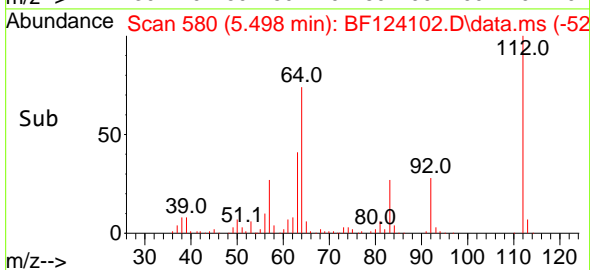
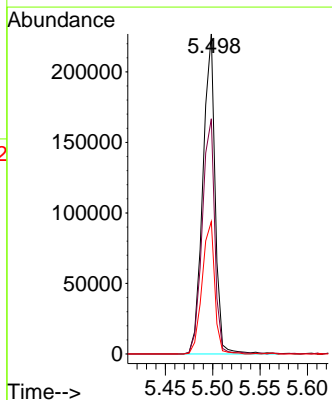
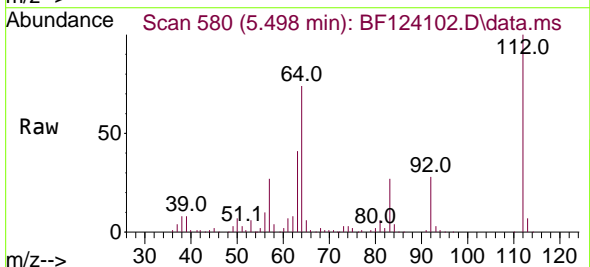
Instrument :  
 BNA\_F  
 ClientSampled :  
 FK-PS-01-073

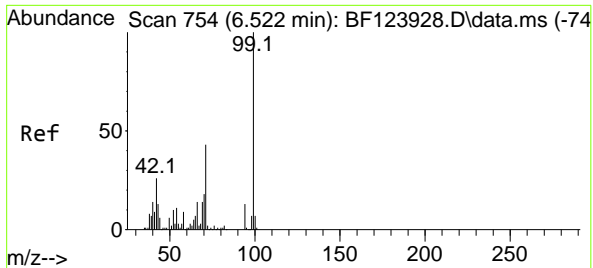
Tgt Ion:152 Resp: 36625  
 Ion Ratio Lower Upper  
 152 100  
 150 160.4 127.0 190.6  
 115 69.4 54.3 81.5



#5  
 2-Fluorophenol  
 Concen: 78.19 ng  
 RT: 5.498 min Scan# 580  
 Delta R.T. 0.006 min  
 Lab File: BF124102.D  
 Acq: 27 May 2021 20:32

Tgt Ion:112 Resp: 203967  
 Ion Ratio Lower Upper  
 112 100  
 64 73.5 61.4 92.0  
 63 41.4 33.0 49.4

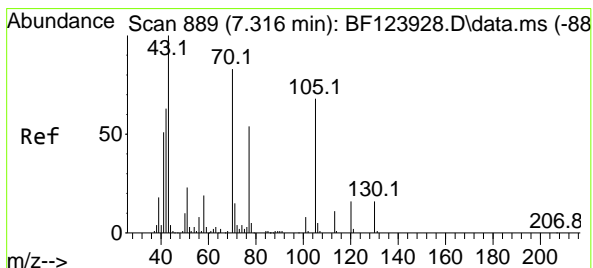
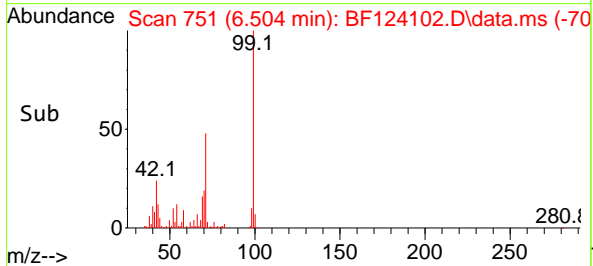
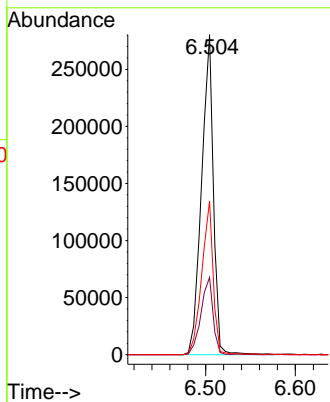
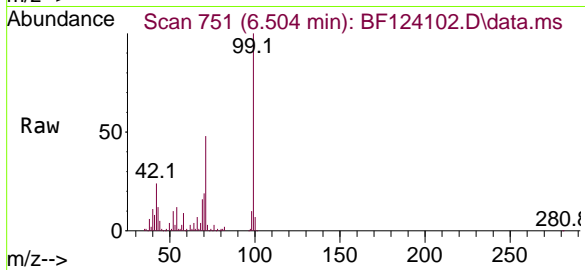




#7  
Phenol-d6  
Concen: 75.98 ng  
RT: 6.504 min Scan# 751  
Delta R.T. -0.006 min  
Lab File: BF124102.D  
Acq: 27 May 2021 20:32

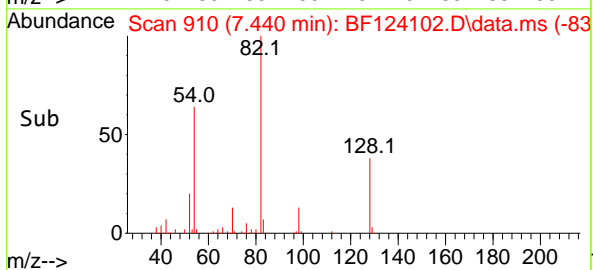
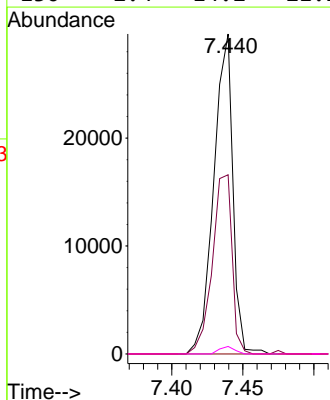
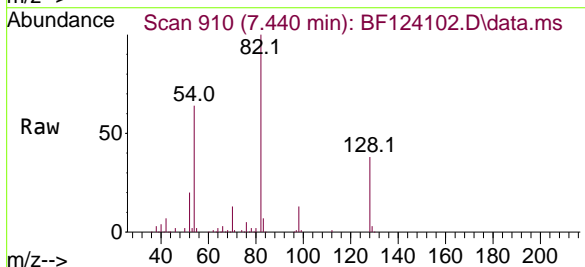
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BNA\_F  
ClientSampleId :  
FK-PS-01-073

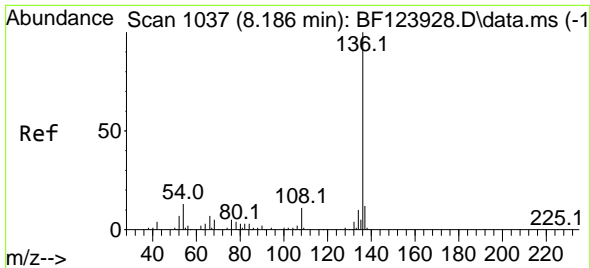
Tgt Ion: 99 Resp: 257095  
Ion Ratio Lower Upper  
99 100  
42 24.2 19.8 29.8  
71 48.1 31.1 46.7#



#19  
n-Nitroso-di-n-propylamine  
Concen: 12.07 ng  
RT: 7.440 min Scan# 910  
Delta R.T. 0.147 min  
Lab File: BF124102.D  
Acq: 27 May 2021 20:32

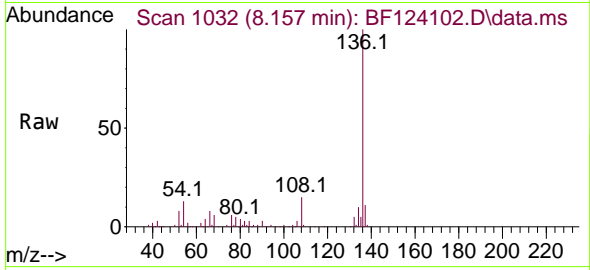
Tgt Ion: 70 Resp: 27588  
Ion Ratio Lower Upper  
70 100  
42 56.0 60.1 90.1#  
101 0.0 7.4 11.2#  
130 2.4 14.2 21.2#





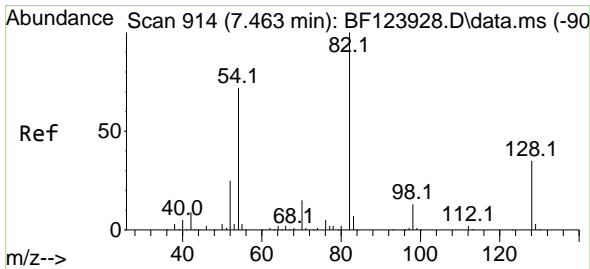
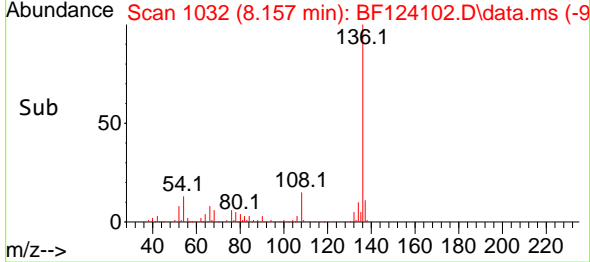
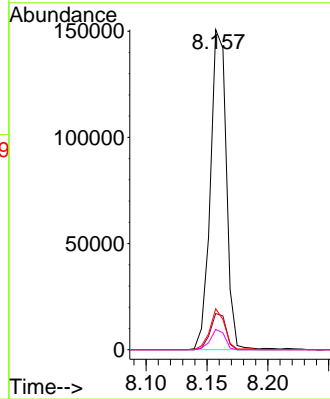
#21  
 Naphthalene-d8  
 Concen: 20.00 ng  
 RT: 8.157 min Scan# 1032  
 Delta R.T. -0.006 min  
 Lab File: BF124102.D  
 Acq: 27 May 2021 20:32

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 FK-PS-01-073



Tgt Ion:136 Resp: 137565

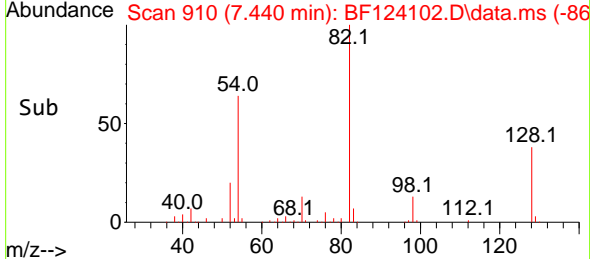
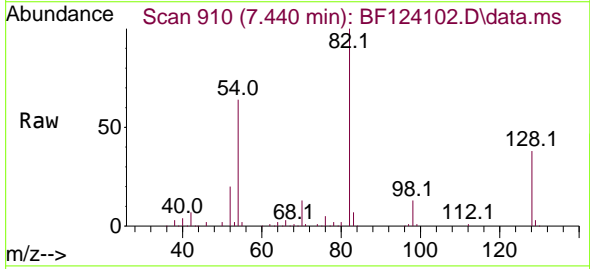
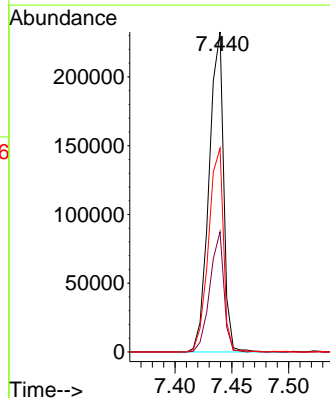
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	12.8	9.8	14.6
68	6.4	4.1	6.1#

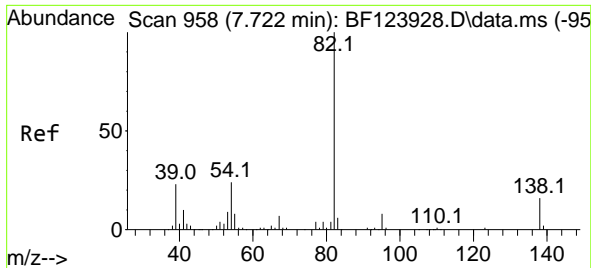


#23  
 Nitrobenzene-d5  
 Concen: 64.95 ng  
 RT: 7.440 min Scan# 910  
 Delta R.T. -0.006 min  
 Lab File: BF124102.D  
 Acq: 27 May 2021 20:32

Tgt Ion: 82 Resp: 207368

Ion	Ratio	Lower	Upper
82	100		
128	37.6	29.4	44.2
54	63.6	54.1	81.1

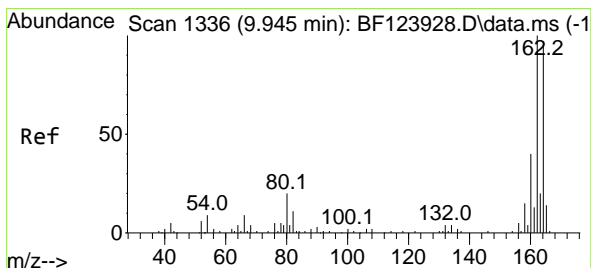
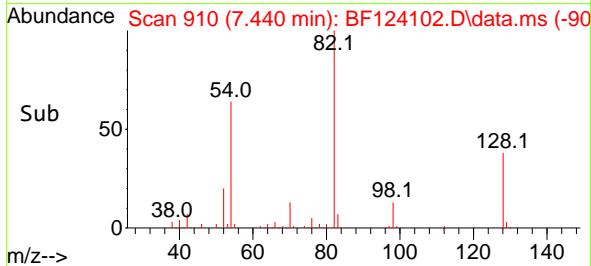
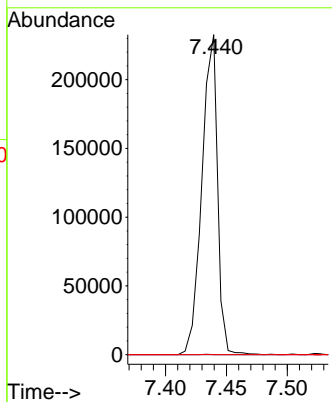
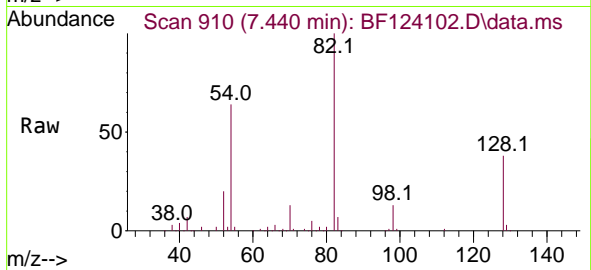




#25  
 Isophorone  
 Concen: 33.76 ng  
 RT: 7.440 min Scan# 910  
 Delta R.T. -0.259 min  
 Lab File: BF124102.D  
 Acq: 27 May 2021 20:32

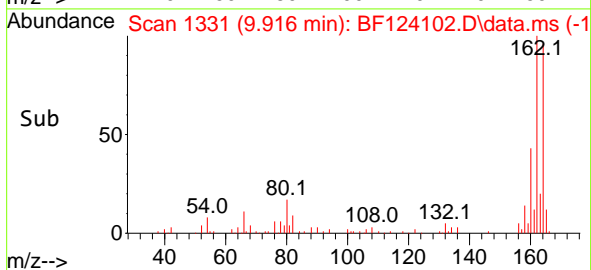
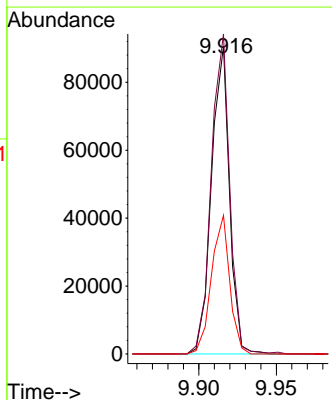
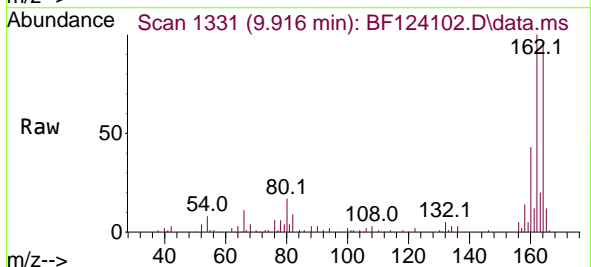
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 ClientSampleID :  
 FK-PS-01-073

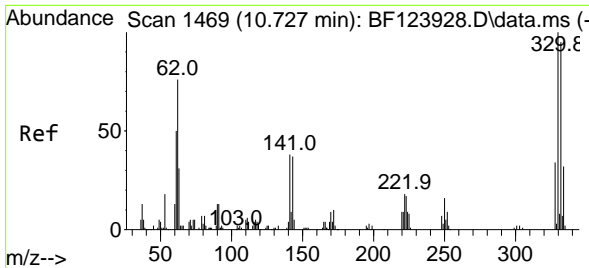
Tgt Ion: 82 Resp: 207365  
 Ion Ratio Lower Upper  
 82 100  
 95 0.0 5.8 8.6#  
 138 0.0 11.8 17.8#



#39  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.916 min Scan# 1331  
 Delta R.T. 0.000 min  
 Lab File: BF124102.D  
 Acq: 27 May 2021 20:32

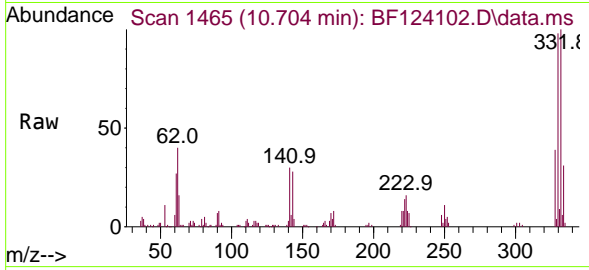
Tgt Ion:164 Resp: 72939  
 Ion Ratio Lower Upper  
 164 100  
 162 103.9 80.7 121.1  
 160 45.0 37.3 55.9



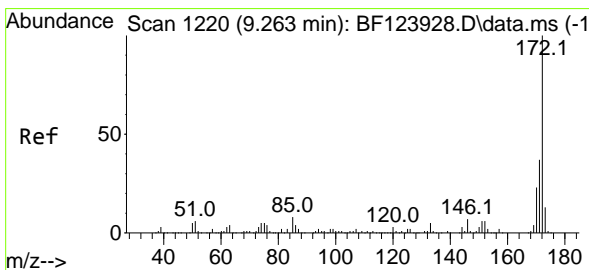
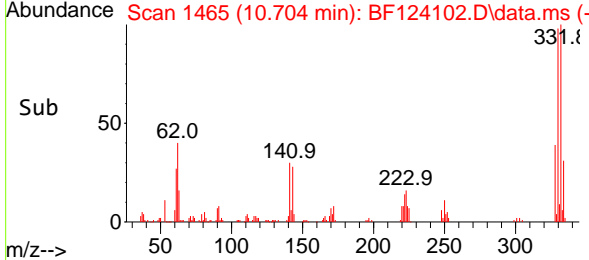
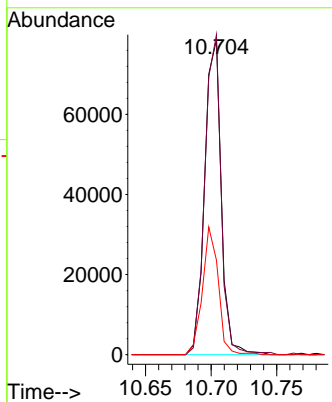


#42  
 2,4,6-Tribromophenol  
 Concen: 79.05 ng  
 RT: 10.704 min Scan# 1465  
 Delta R.T. 0.000 min  
 Lab File: BF124102.D  
 Acq: 27 May 2021 20:32

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 FK-PS-01-073

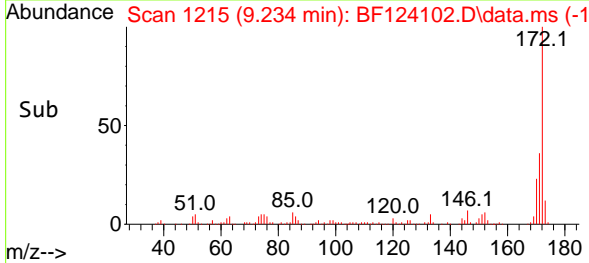
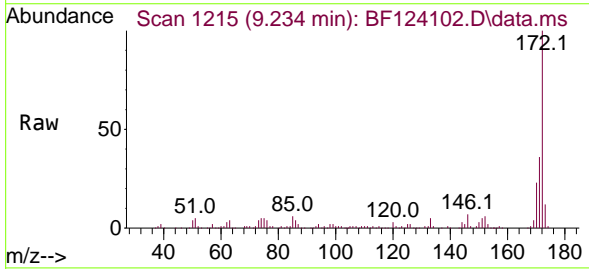
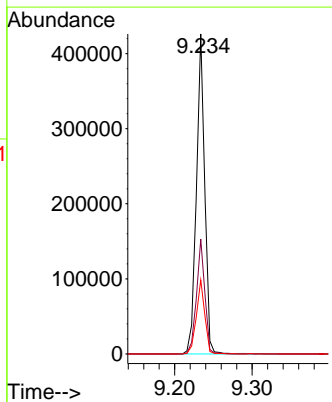


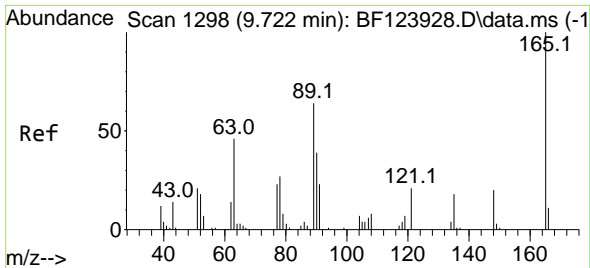
Tgt Ion:330 Resp: 69256  
 Ion Ratio Lower Upper  
 330 100  
 332 99.7 77.1 115.7  
 141 38.8 27.9 41.9



#45  
 2-Fluorobiphenyl  
 Concen: 53.71 ng  
 RT: 9.234 min Scan# 1215  
 Delta R.T. -0.006 min  
 Lab File: BF124102.D  
 Acq: 27 May 2021 20:32

Tgt Ion:172 Resp: 318333  
 Ion Ratio Lower Upper  
 172 100  
 171 35.9 28.1 42.1  
 170 23.1 19.2 28.8

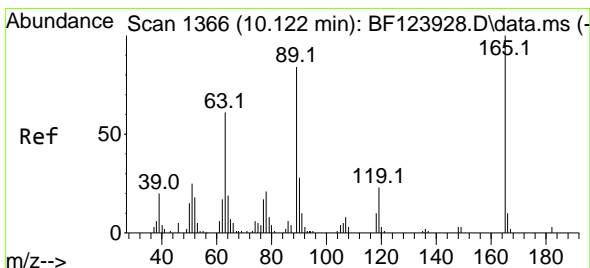
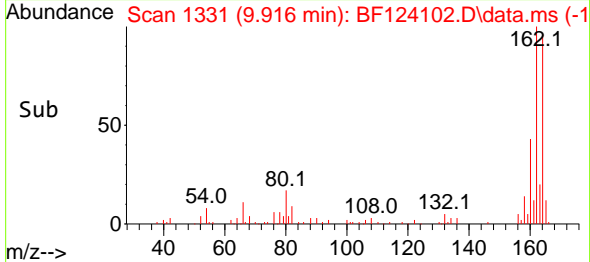
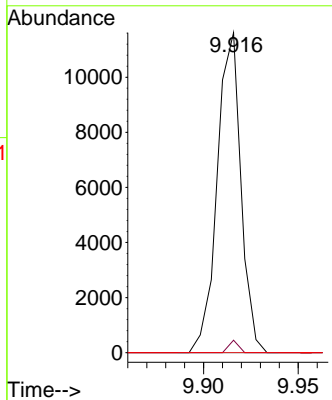
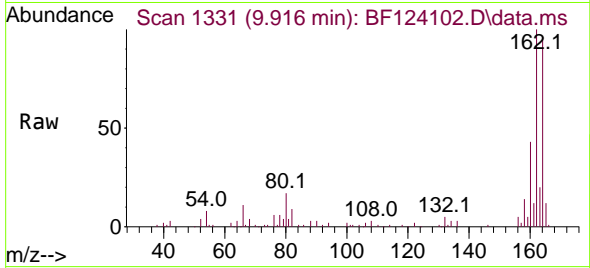




#51  
 2,6-Dinitrotoluene  
 Concen: 8.60 ng  
 RT: 9.916 min Scan# 1331  
 Delta R.T. 0.218 min  
 Lab File: BF124102.D  
 Acq: 27 May 2021 20:32

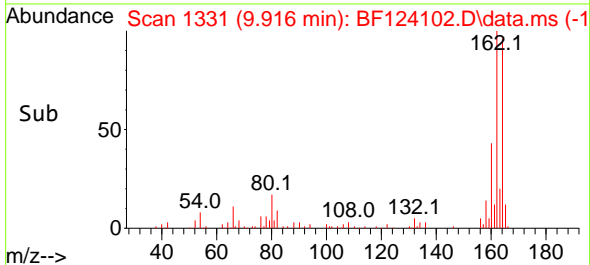
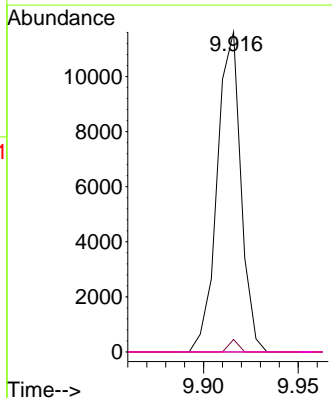
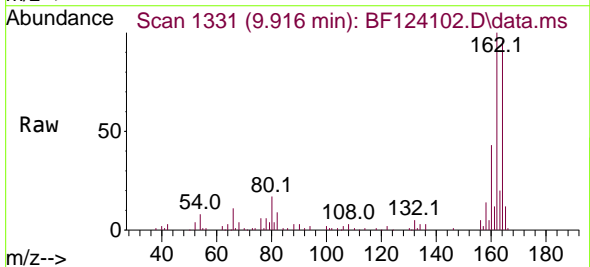
**Instrument :**  
 BNA\_F  
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 FK-PS-01-073

Tgt Ion	Resp	Lower	Upper
165	100		
63	3.9	67.7	101.5#
89	0.0	58.8	88.2#

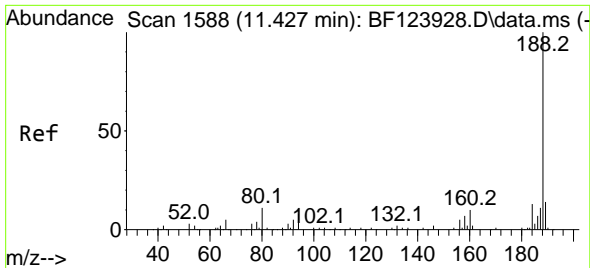


#57  
 2,4-Dinitrotoluene  
 Concen: 7.01 ng  
 RT: 9.916 min Scan# 1331  
 Delta R.T. -0.188 min  
 Lab File: BF124102.D  
 Acq: 27 May 2021 20:32

Tgt Ion	Resp	Lower	Upper
165	100		
63	3.9	43.5	65.3#
89	0.0	67.7	101.5#
182	0.0	2.1	3.1#

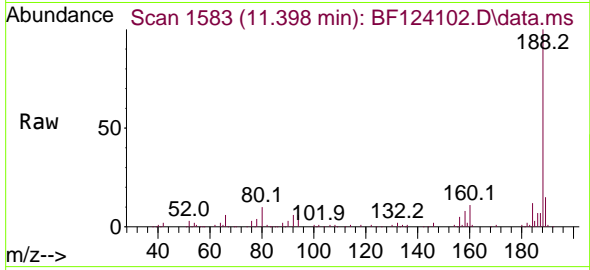






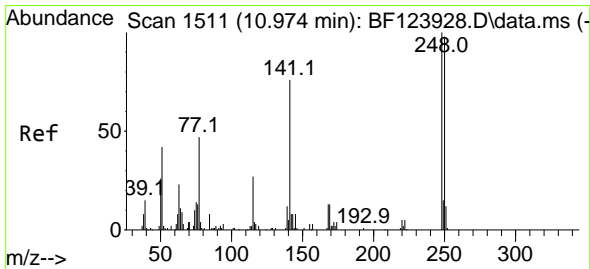
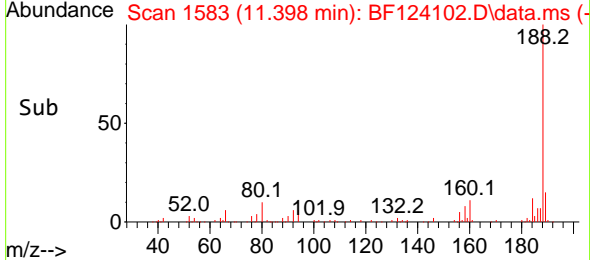
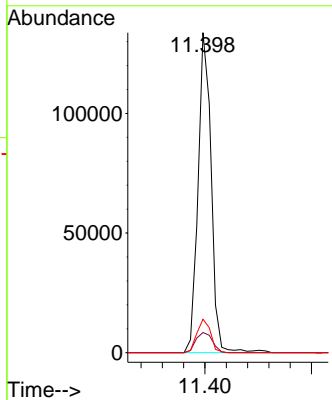
#64  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 11.398 min Scan# 1583  
 Delta R.T. -0.006 min  
 Lab File: BF124102.D  
 Acq: 27 May 2021 20:32

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 BNA\_F  
**ClientSampleId :**  
 FK-PS-01-073



Tgt Ion:188 Resp: 114731

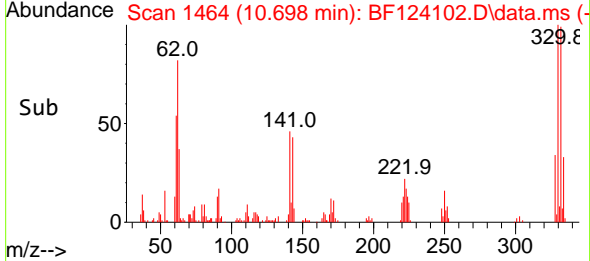
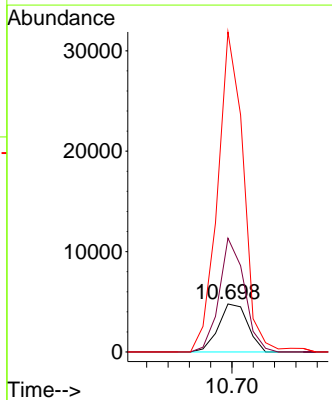
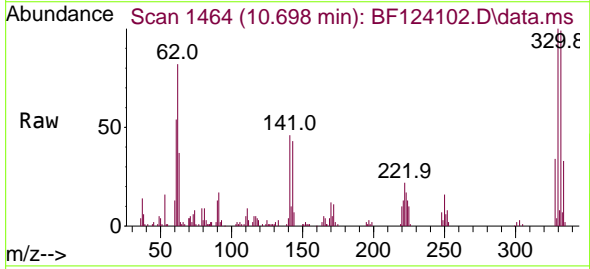
Ion	Ratio	Lower	Upper
188	100		
94	6.3	6.9	10.3#
80	10.5	8.2	12.2

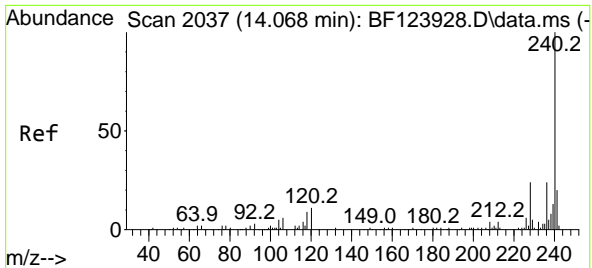


#67  
 4-Bromophenyl-phenylether  
 Concen: 3.04 ng  
 RT: 10.698 min Scan# 1464  
 Delta R.T. -0.247 min  
 Lab File: BF124102.D  
 Acq: 27 May 2021 20:32

Tgt Ion:248 Resp: 4582

Ion	Ratio	Lower	Upper
248	100		
250	236.8	77.4	116.2#
141	665.8	63.7	95.5#

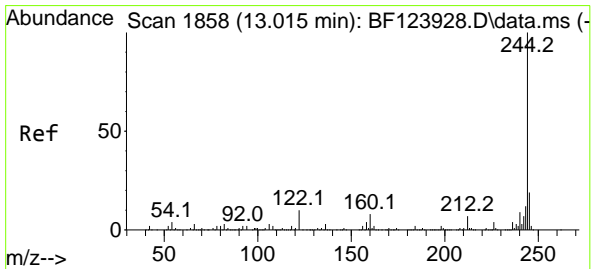
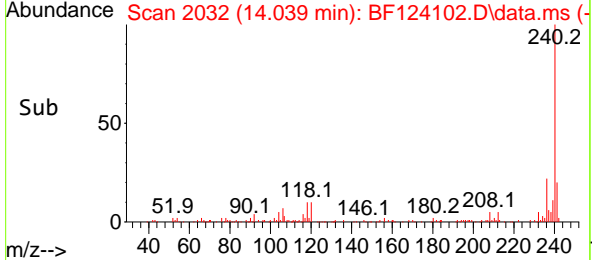
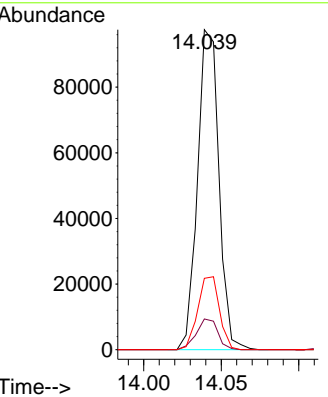
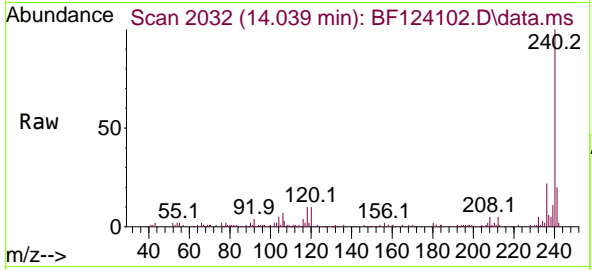




#76  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 14.039 min Scan# 2032  
 Delta R.T. -0.006 min  
 Lab File: BF124102.D  
 Acq: 27 May 2021 20:32

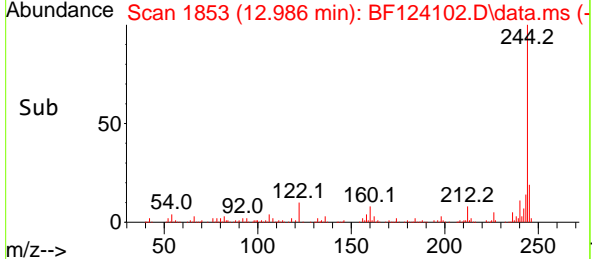
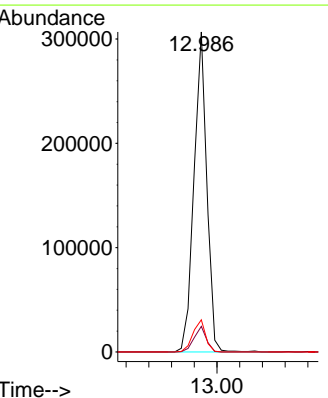
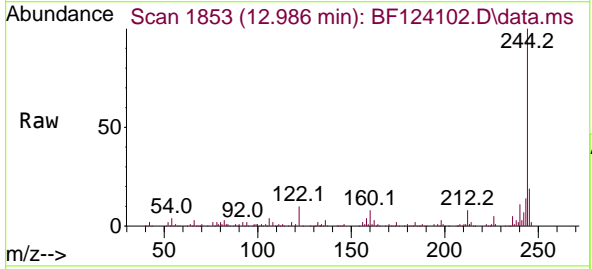
Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-PS-01-073

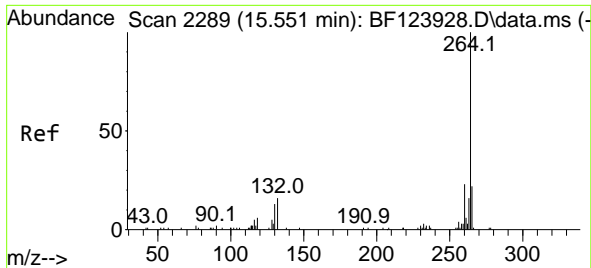
Tgt Ion	Resp	Lower	Upper
240	93600		
120	9.6	7.2	10.8
236	22.3	19.0	28.4



#79  
 Terphenyl-d14  
 Concen: 38.92 ng  
 RT: 12.986 min Scan# 1853  
 Delta R.T. 0.000 min  
 Lab File: BF124102.D  
 Acq: 27 May 2021 20:32

Tgt Ion	Resp	Lower	Upper
244	240528		
212	8.0	5.7	8.5
122	10.0	9.7	14.5





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.527 min Scan# 2285  
 Delta R.T. 0.000 min  
 Lab File: BF124102.D  
 Acq: 27 May 2021 20:32

Instrument :  
 BNA\_F  
 ClientSampled :  
 FK-PS-01-073

Tgt Ion:264 Resp: 102369

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.7	28.1
265	22.4	17.8	26.8

