

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102921\
 Data File : BF126011.D
 Acq On : 29 Oct 2021 18:15
 Operator : JU/CG
 Sample : PB140305BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 10:06:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 29 18:20:18 2021
 Response via : Initial Calibration

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

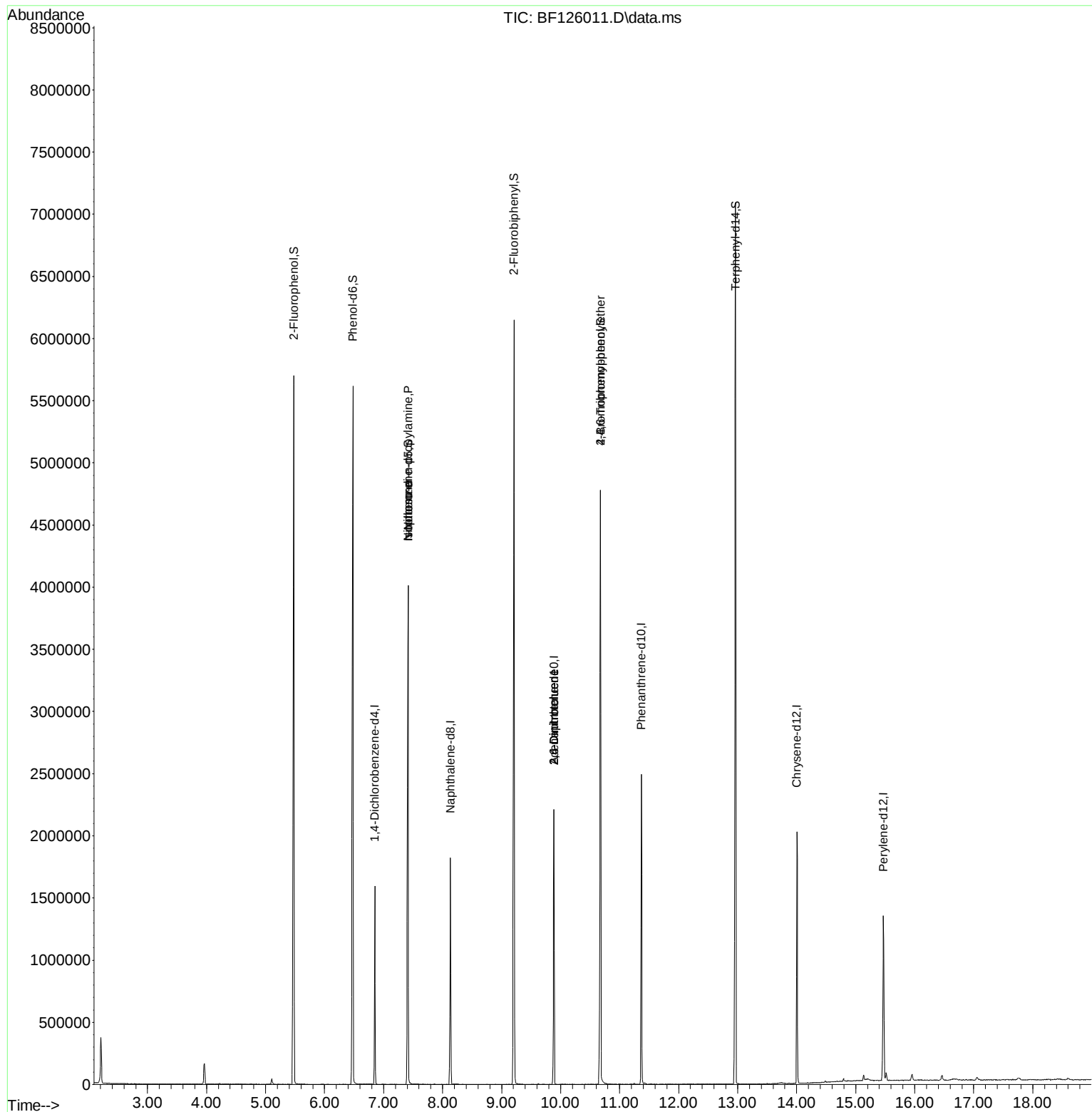
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	197152	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	815093	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	470853	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	898929	20.000	ng	0.00
76) Chrysene-d12	14.004	240	711624	20.000	ng	-0.01
86) Perylene-d12	15.468	264	609777	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1659958	119.458	ng	0.01
7) Phenol-d6	6.481	99	2139559	118.437	ng	0.00
23) Nitrobenzene-d5	7.416	82	1453608	87.361	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	599908	132.456	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	2328958	87.236	ng	0.00
79) Terphenyl-d14	12.963	244	2736019	71.830	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.481	77	3489	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	194684	18.210	ng	# 57
25) Isophorone	7.416	82	1444183	47.413	ng	# 59
51) 2,6-Dinitrotoluene	9.886	165	60010	9.357	ng	# 28
57) 2,4-Dinitrotoluene	9.886	165	60010	7.185	ng	# 19
58) Fluorene	10.674	166	23363	Below Cal	#	86
67) 4-Bromophenyl-phenylether	10.674	248	39898	4.064	ng	# 1

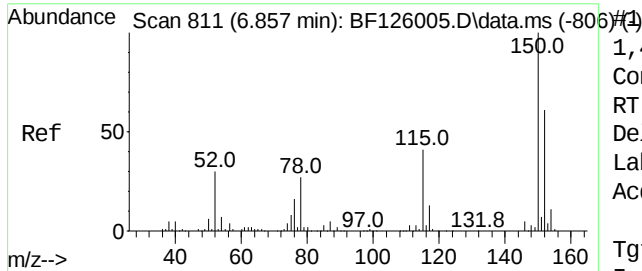
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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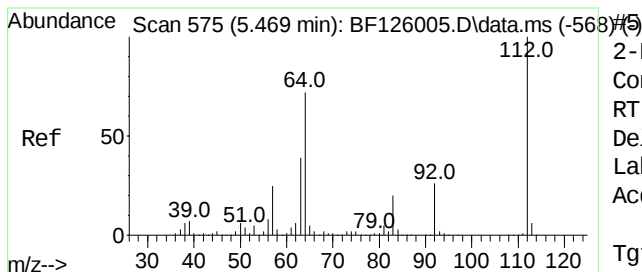
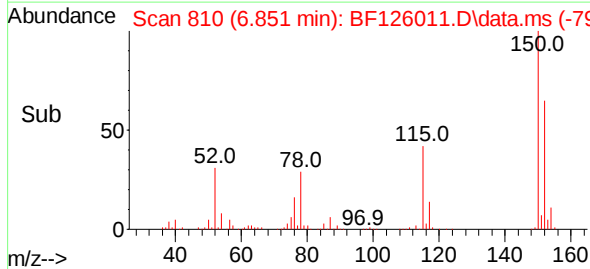
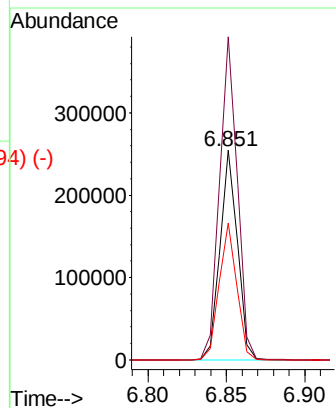
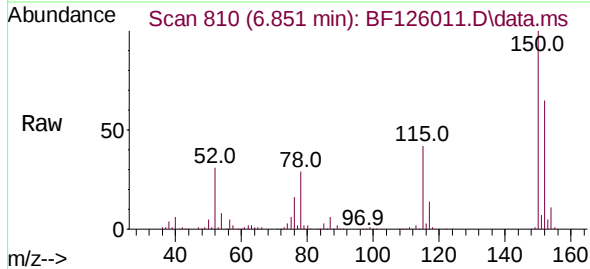




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 810
 Delta R.T. -0.006 min
 Lab File: BF126011.D
 Acq: 29 Oct 2021 18:15

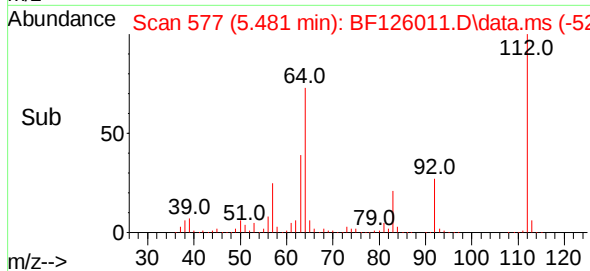
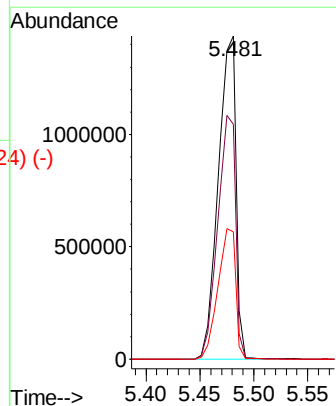
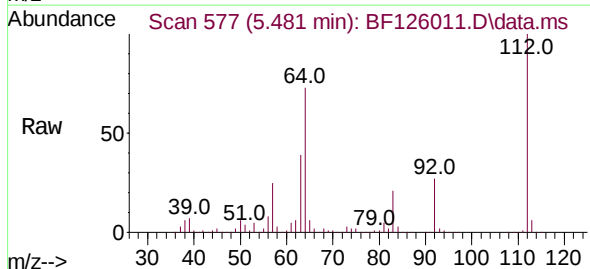
Instrument :
 BNA_F
 ClientSampleID :

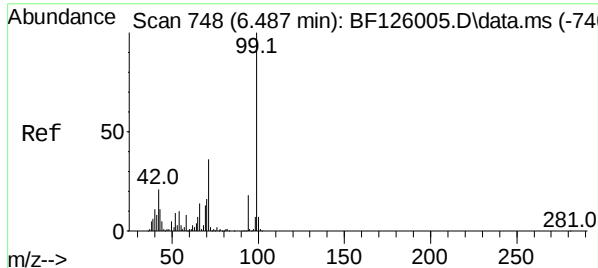
Tgt Ion:	152	Resp:	197152
Ion	Ratio	Lower	Upper
152	100		
150	154.1	117.6	176.4
115	65.5	47.1	70.7



2-Fluorophenol
 Concen: 119.458 ng
 RT: 5.481 min Scan# 577
 Delta R.T. 0.012 min
 Lab File: BF126011.D
 Acq: 29 Oct 2021 18:15

Tgt Ion:	112	Resp:	1659958
Ion	Ratio	Lower	Upper
112	100		
64	72.7	44.2	66.2#
63	39.5	26.2	39.2#



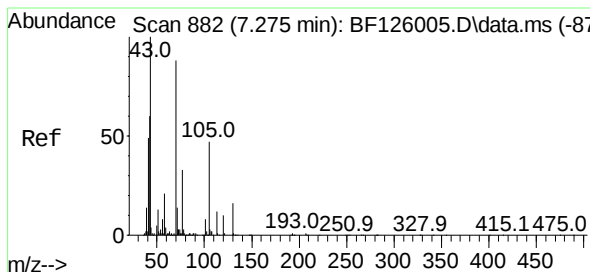
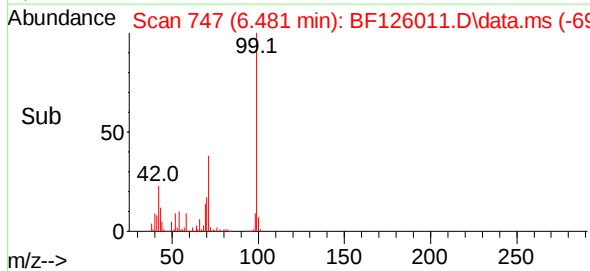
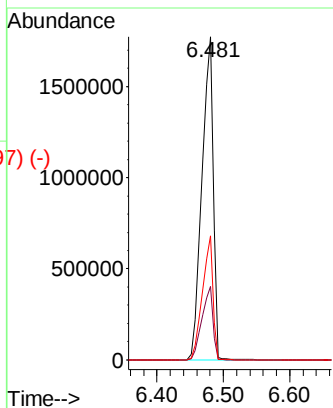
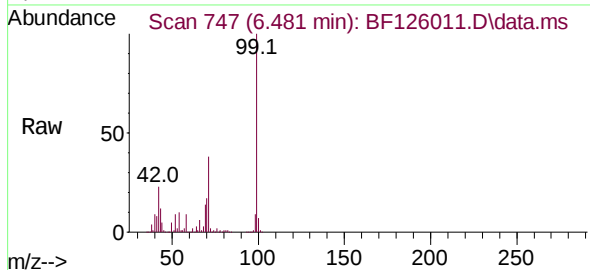


Phenol-d6
 Concen: 118.437 ng
 RT: 6.481 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: BF126011.D
 Acq: 29 Oct 2021 18:15

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion: 99 Resp: 2139559

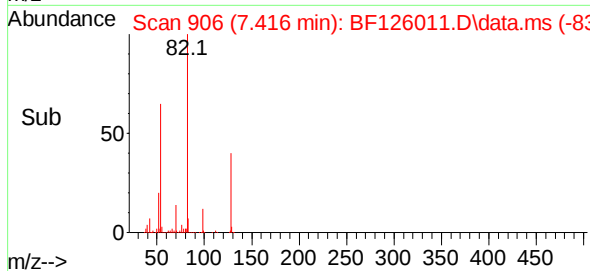
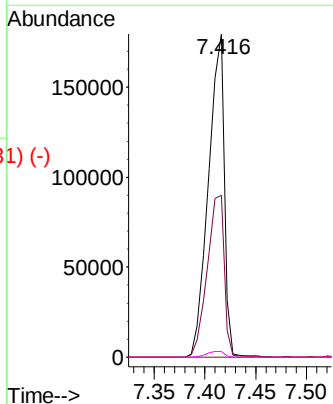
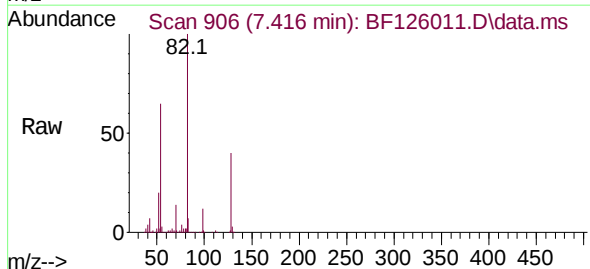
Ion	Ratio	Lower	Upper
99	100		
42	22.8	23.5	35.3#
71	38.4	25.6	38.4



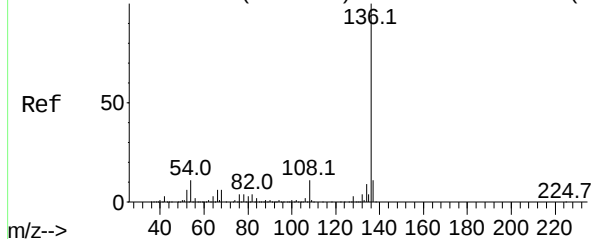
n-Nitroso-di-n-propylamine
 Concen: 18.210 ng
 RT: 7.416 min Scan# 906
 Delta R.T. 0.141 min
 Lab File: BF126011.D
 Acq: 29 Oct 2021 18:15

Tgt Ion: 70 Resp: 194684

Ion	Ratio	Lower	Upper
70	100		
42	50.1	72.2	108.2#
101	0.0	7.8	11.8#
130	1.8	21.8	32.6#



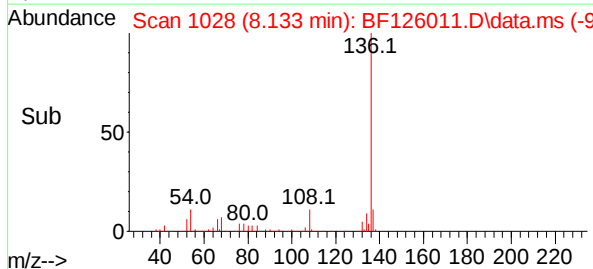
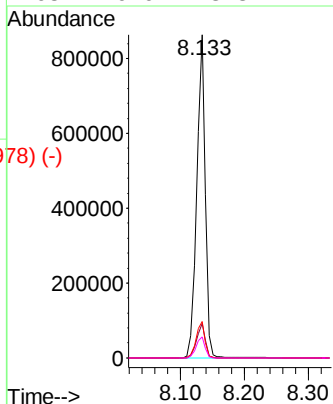
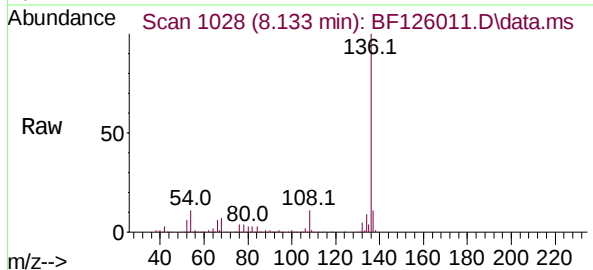
Abundance Scan 1029 (8.139 min): BF126005.D\data.ms (-1029) #21



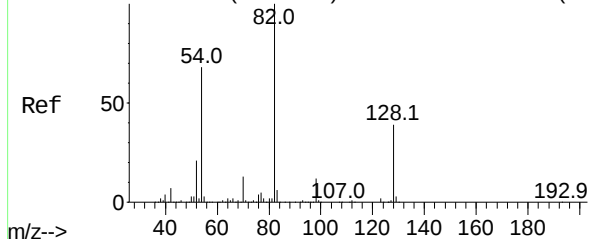
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF126011.D
Acq: 29 Oct 2021 18:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:	136	Resp:	815093
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.8	14.6
54	11.3	6.4	9.6#
68	6.6	3.3	4.9#

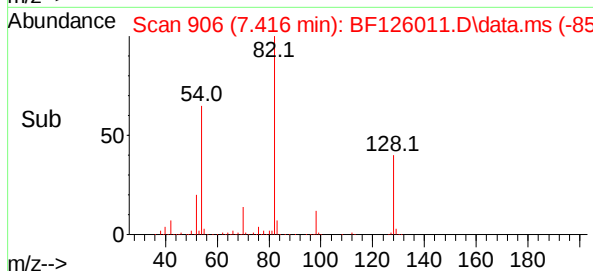
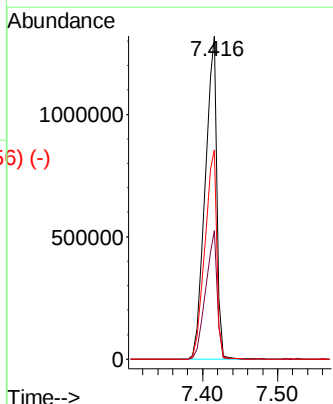
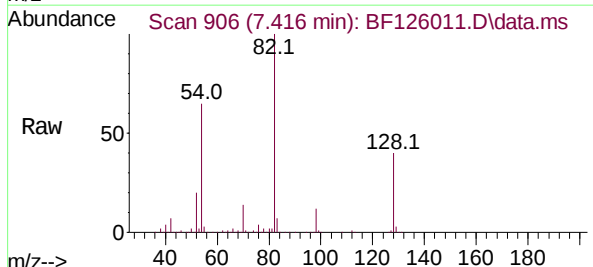


Abundance Scan 907 (7.422 min): BF126005.D\data.ms (-901) #23

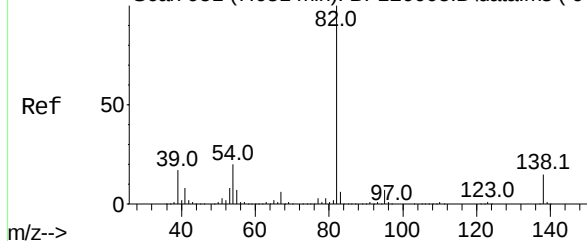


Nitrobenzene-d5
Concen: 87.361 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF126011.D
Acq: 29 Oct 2021 18:15

Tgt Ion:	82	Resp:	1453608
Ion	Ratio	Lower	Upper
82	100		
128	39.8	40.6	60.8#
54	64.7	49.6	74.4



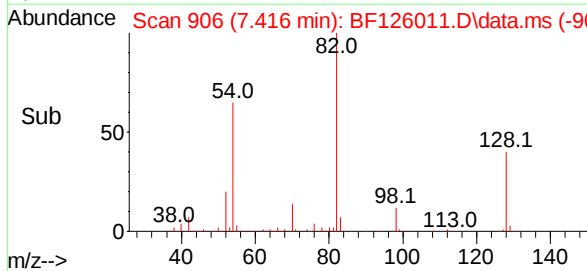
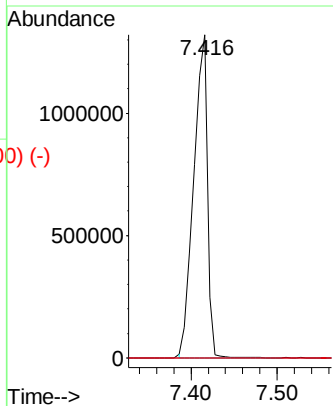
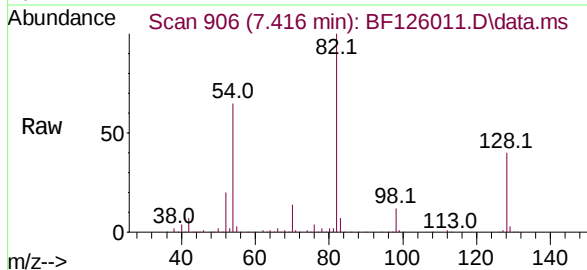
Abundance Scan 951 (7.681 min): BF126005.D\data.ms (-944)#25



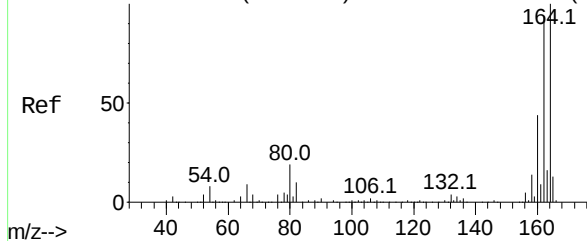
Isophorone
Concen: 47.413 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.265 min
Lab File: BF126011.D
Acq: 29 Oct 2021 18:15

Instrument :
BNA_F
ClientSampled :

Tgt Ion: 82 Resp: 1444183
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

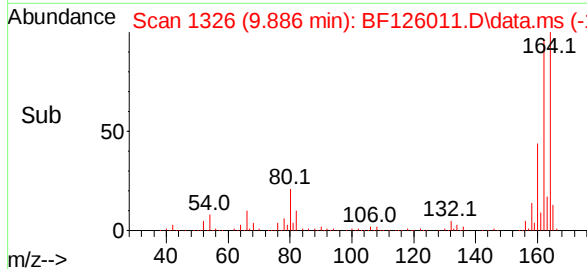
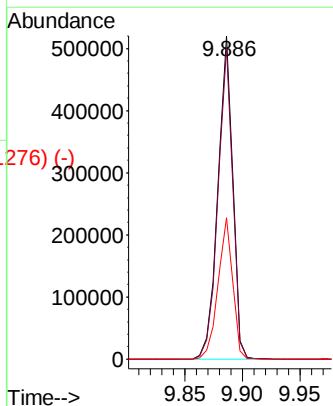
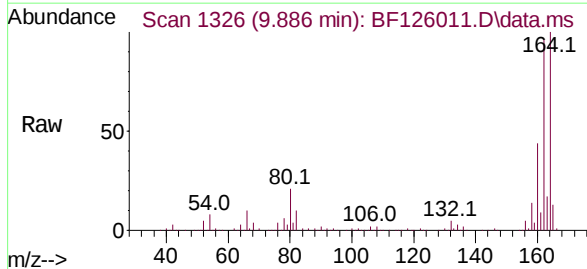


Abundance Scan 1327 (9.892 min): BF126005.D\data.ms (-1320)#39



Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF126011.D
Acq: 29 Oct 2021 18:15

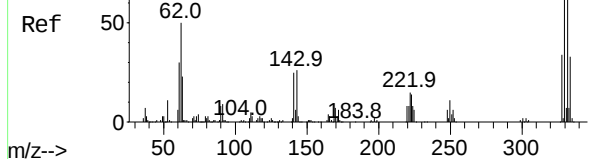
Tgt Ion:164 Resp: 470853
Ion Ratio Lower Upper
164 100
162 96.2 81.3 121.9
160 43.7 38.0 57.0



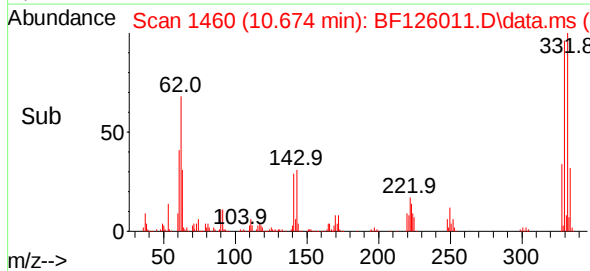
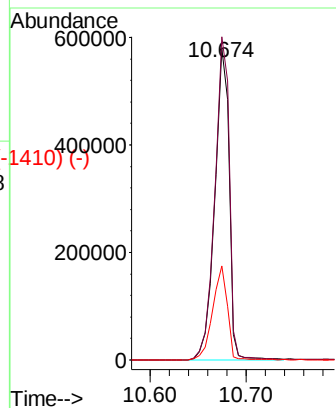
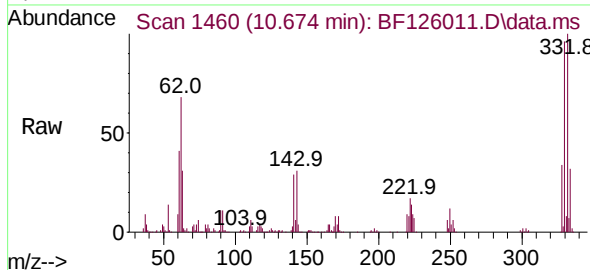
Abundance Scan 1461 (10.680 min): BF126005.D\data.ms (-1410) (-)

2,4,6-Tribromophenol
Concen: 132.456 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF126011.D
Acq: 29 Oct 2021 18:15

Instrument :
BNA_F
ClientSampled :

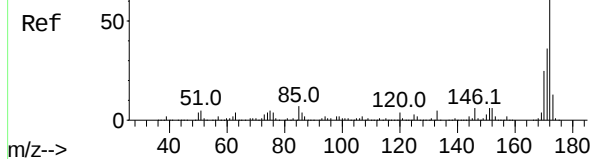


Tgt Ion:	330	Resp:	599908
Ion	Ratio	Lower	Upper
330	100		
332	105.3	76.2	114.4
141	30.8	44.6	66.8#

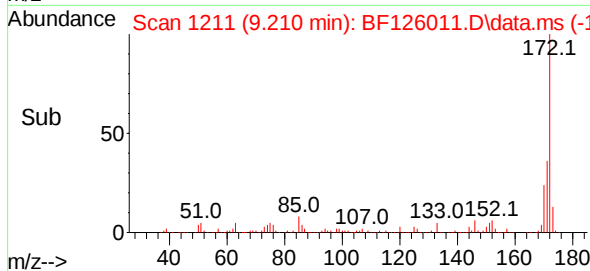
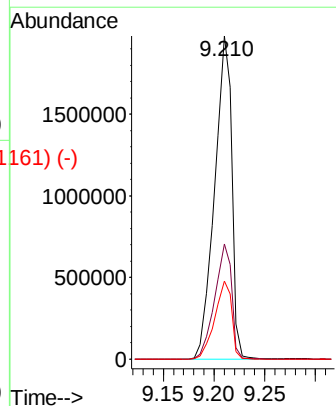
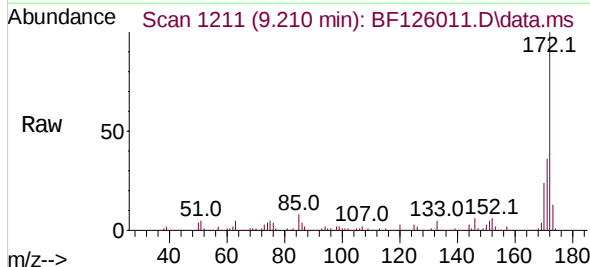


Abundance Scan 1212 (9.216 min): BF126005.D\data.ms (-1204) (-)

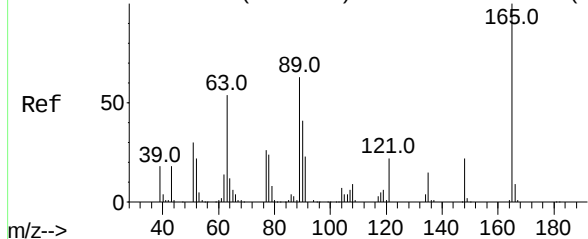
2-Fluorobiphenyl
Concen: 87.236 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF126011.D
Acq: 29 Oct 2021 18:15



Tgt Ion:	172	Resp:	2328958
Ion	Ratio	Lower	Upper
172	100		
171	35.6	26.5	39.7
170	24.2	18.8	28.2



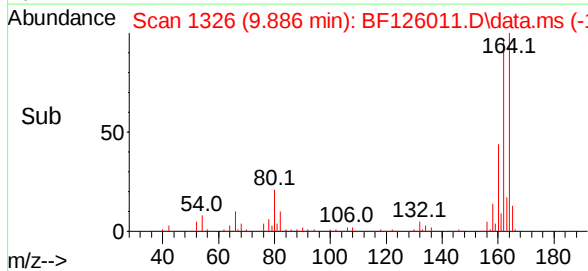
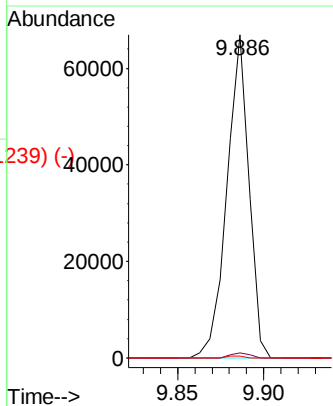
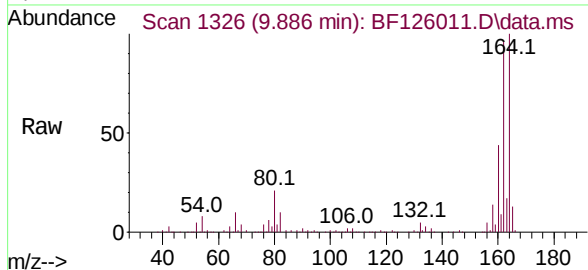
Abundance Scan 1290 (9.675 min): BF126005.D\data.ms (-1284) (-)



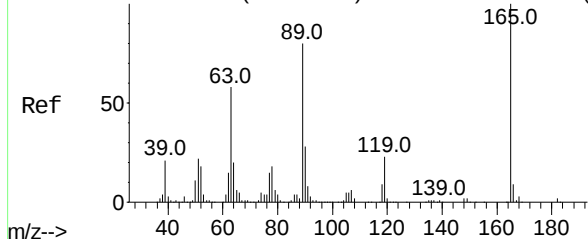
2,6-Dinitrotoluene
Concen: 9.357 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.212 min
Lab File: BF126011.D
Acq: 29 Oct 2021 18:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:	165	Resp:	60010
Ion Ratio	Lower	Upper	
165	100		
63	1.6	42.6	63.8#
89	0.7	40.6	60.8#

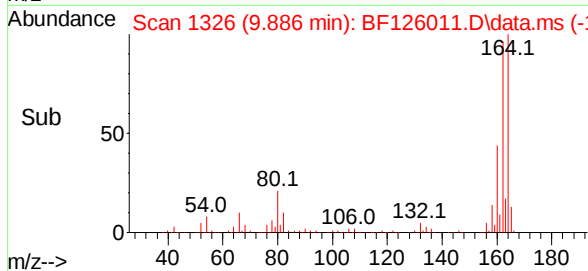
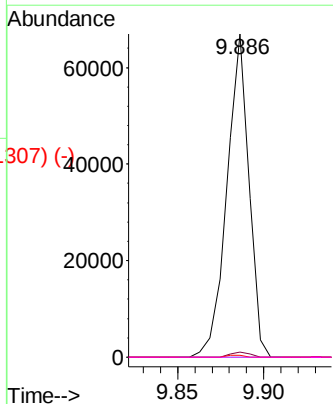
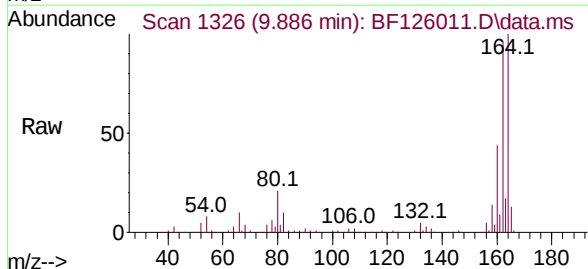


Abundance Scan 1358 (10.075 min): BF126005.D\data.ms (-1352) (-)



2,4-Dinitrotoluene
Concen: 7.185 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.188 min
Lab File: BF126011.D
Acq: 29 Oct 2021 18:15

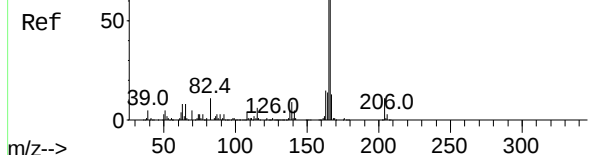
Tgt Ion:	165	Resp:	60010
Ion Ratio	Lower	Upper	
165	100		
63	1.6	40.9	61.3#
89	0.7	59.7	89.5#
182	0.0	0.0	0.0



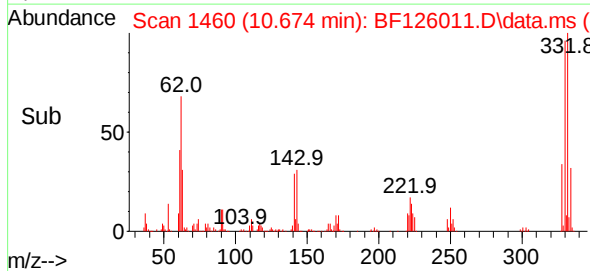
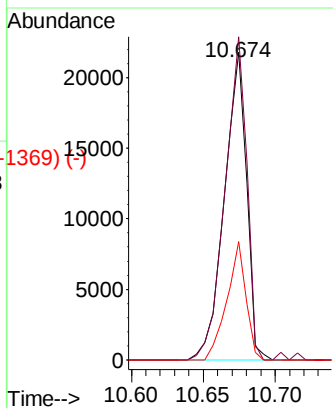
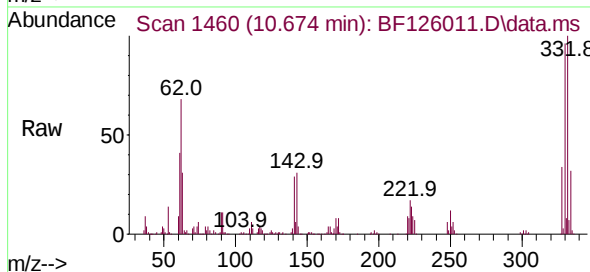
Abundance Scan 1420 (10.439 min): BF126005.D\data.ms (-1458) (-)

Fluorene
Concen: Below Cal
RT: 10.674 min Scan# 1460
Delta R.T. 0.235 min
Lab File: BF126011.D
Acq: 29 Oct 2021 18:15

Instrument :
BNA_F
ClientSampled :

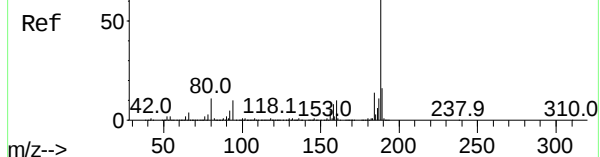


Tgt Ion:	166	Resp:	23363
Ion Ratio	Lower	Upper	
166	100		
165	105.0	78.1	117.1
167	38.6	11.1	16.7#

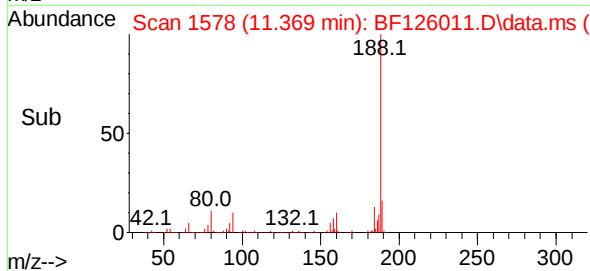
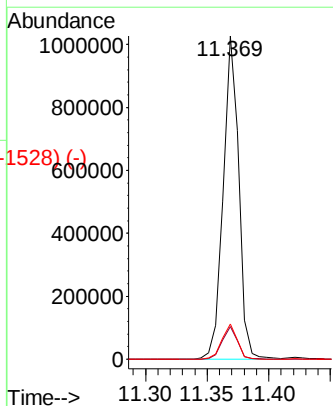
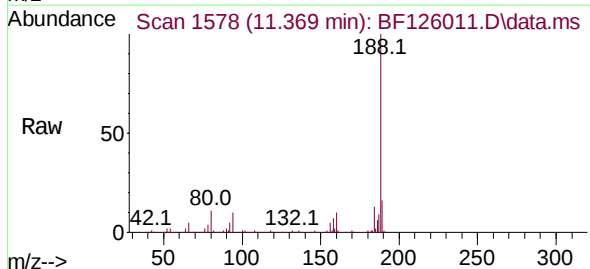


Abundance Scan 1579 (11.374 min): BF126005.D\data.ms (-1584) (-)

Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.005 min
Lab File: BF126011.D
Acq: 29 Oct 2021 18:15



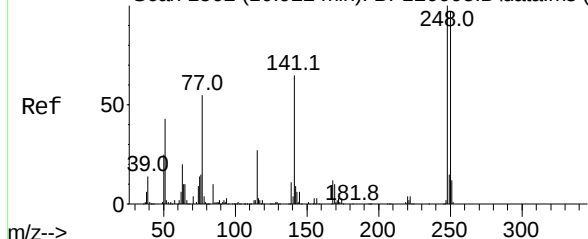
Tgt Ion:	188	Resp:	898929
Ion Ratio	Lower	Upper	
188	100		
94	10.0	6.7	10.1
80	10.9	7.5	11.3



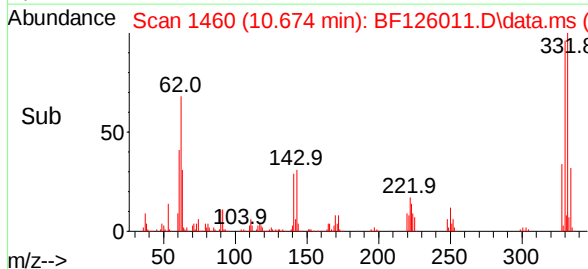
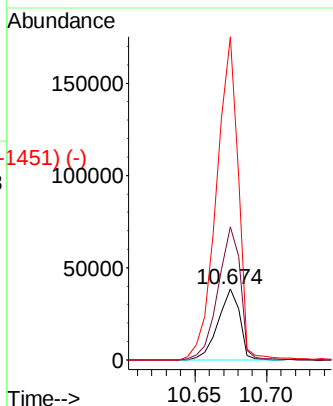
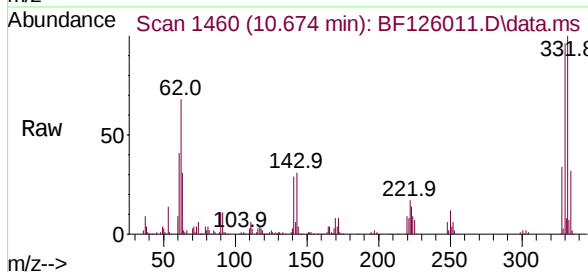
Abundance Scan 1502 (10.922 min): BF126005.D\data.ms (-1457) (-)

4-Bromophenyl-phenylether
Concen: 4.064 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.247 min
Lab File: BF126011.D
Acq: 29 Oct 2021 18:15

Instrument :
BNA_F
ClientSampled :



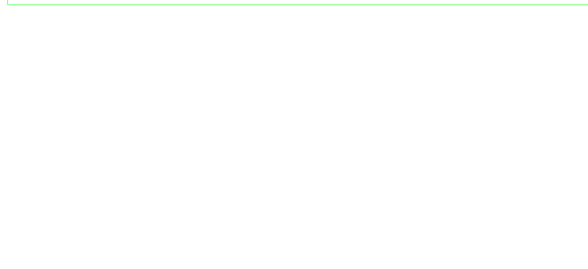
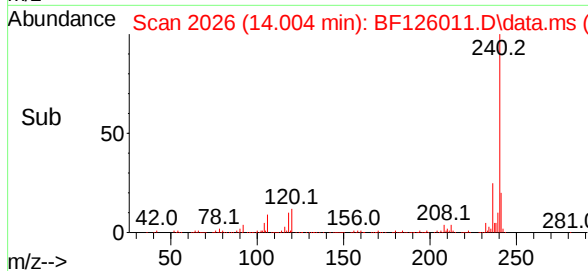
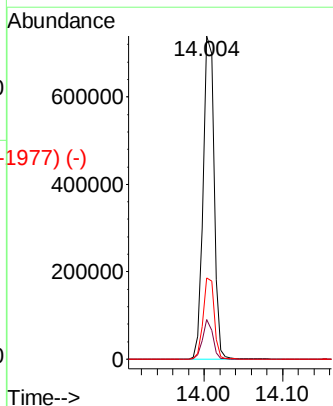
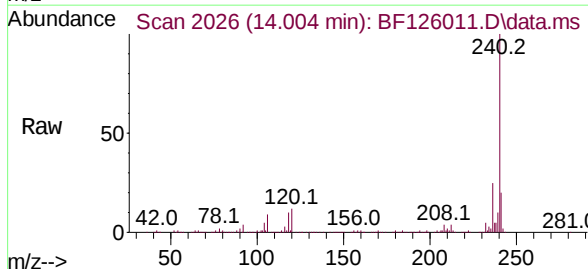
Tgt Ion:	248	Resp:	39898
Ion Ratio	Lower	Upper	
248	100		
250	187.1	74.2	111.4#
141	454.2	60.4	90.6#



Abundance Scan 2026 (14.015 min): BF126005.D\data.ms (-2026) (-)

Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BF126011.D
Acq: 29 Oct 2021 18:15

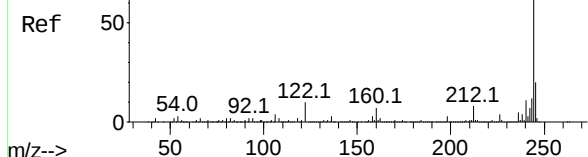
Tgt Ion:	240	Resp:	711624
Ion Ratio	Lower	Upper	
240	100		
120	12.3	10.8	16.2
236	25.2	21.6	32.4



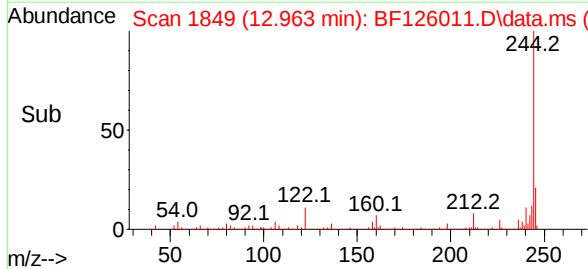
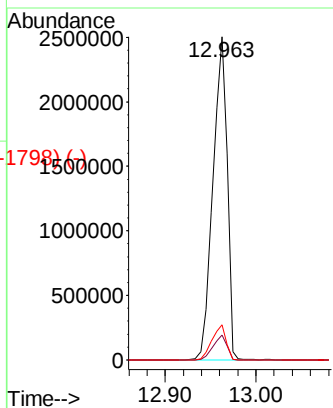
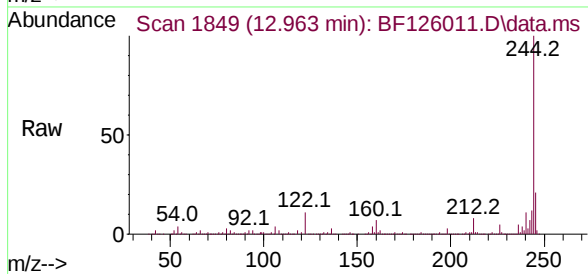
Abundance Scan 1849 (12.963 min): BF126005.D\data.ms (-1779 (-))

Terphenyl-d14
Concen: 71.830 ng
RT: 12.963 min Scan# 1849
Delta R.T. -0.000 min
Lab File: BF126011.D
Acq: 29 Oct 2021 18:15

Instrument :
BNA_F
ClientSampled :

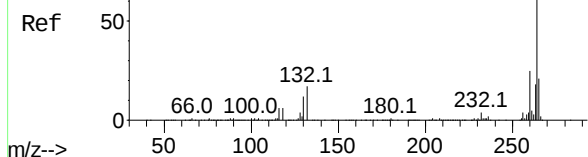


Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	10.8	9.0	13.4



Abundance Scan 2276 (15.474 min): BF126005.D\data.ms (-2285 (-))

Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. -0.006 min
Lab File: BF126011.D
Acq: 29 Oct 2021 18:15



Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.6	29.4
265	22.6	17.2	25.8

