

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082321\
 Data File : BF125155.D
 Acq On : 23 Aug 2021 14:59
 Operator : JU/CG
 Sample : M3489-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2-EXT-A

Quant Time: Aug 23 16:50:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 23 10:15:49 2021
 Response via : Initial Calibration

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

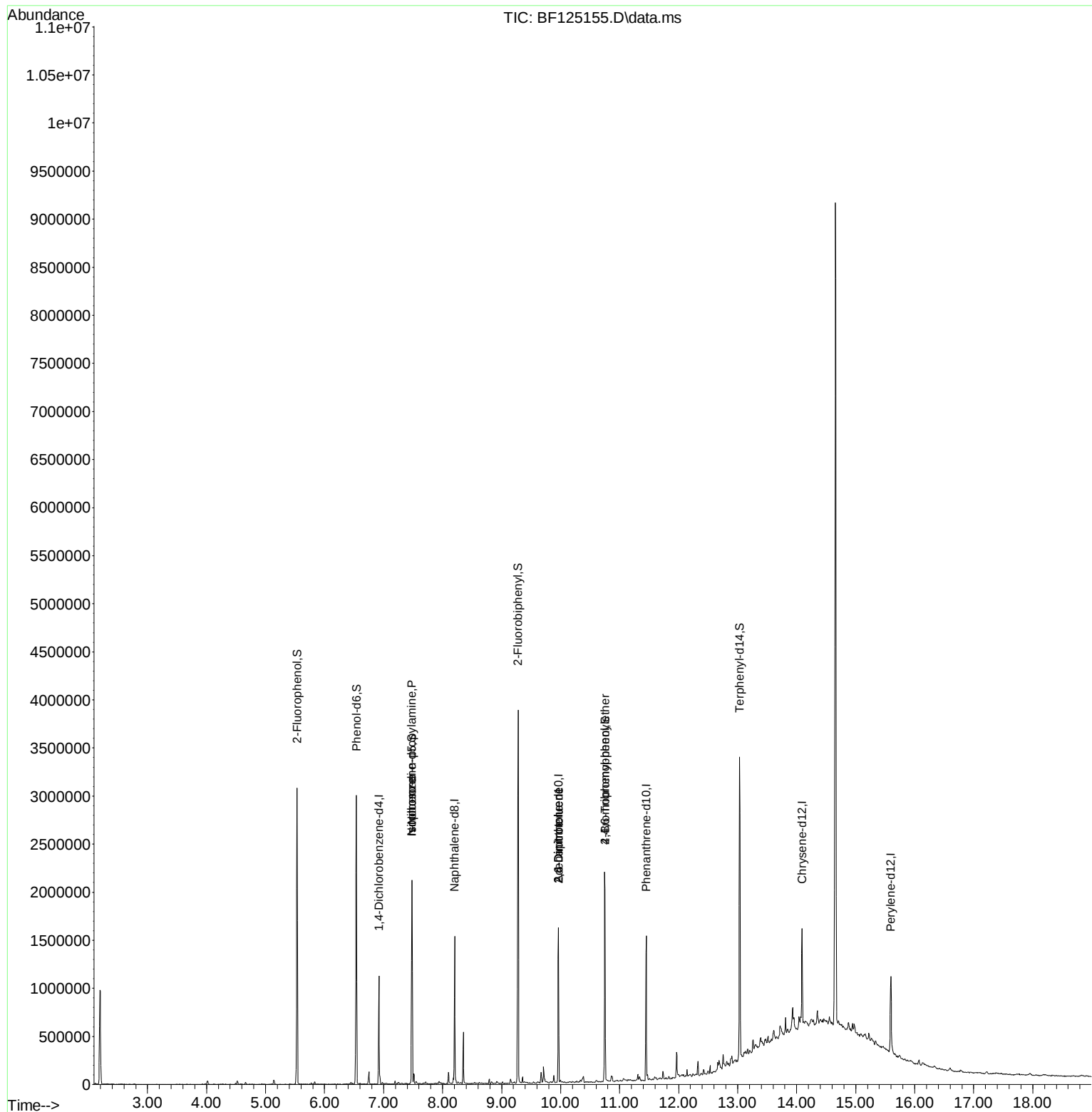
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	144674	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	569915	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	309614	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	534288	20.000	ng	0.00
76) Chrysene-d12	14.092	240	344973	20.000	ng	# 0.00
86) Perylene-d12	15.598	264	355968	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	710245	74.307	ng	0.00
7) Phenol-d6	6.539	99	876589	70.911	ng	0.00
23) Nitrobenzene-d5	7.481	82	598348	52.856	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	248274	80.331	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1142317	51.422	ng	0.00
79) Terphenyl-d14	13.033	244	1100885	50.839	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	80559	10.834	ng	# 60
25) Isophorone	7.481	82	598341	27.398	ng	# 59
51) 2,6-Dinitrotoluene	9.963	165	40949	8.802	ng	# 28
57) 2,4-Dinitrotoluene	9.963	165	40942	7.271	ng	# 20
67) 4-Bromophenyl-phenylether	10.751	248	16121	2.513	ng	# 1

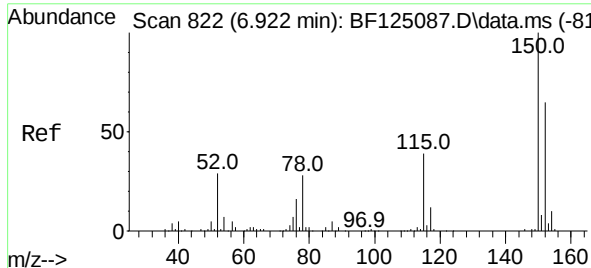
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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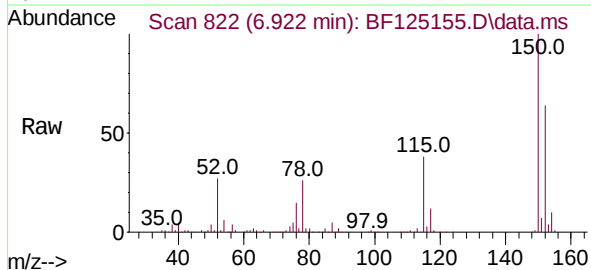
Quant Time: Aug 23 16:50:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 23 10:15:49 2021
Response via : Initial Calibration



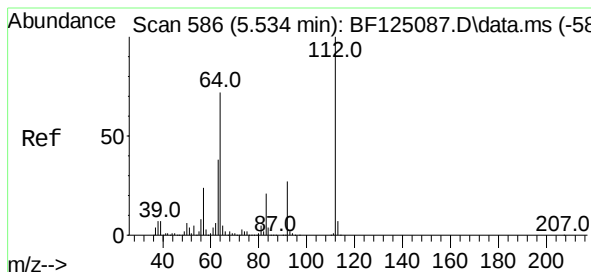
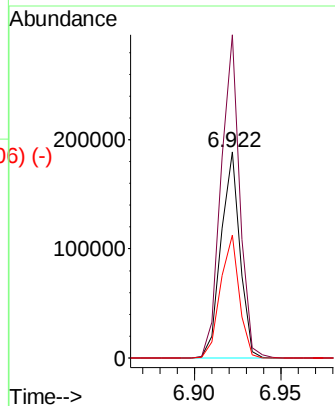
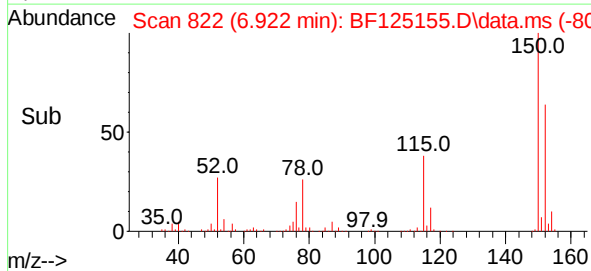


1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF125155.D
Acq: 23 Aug 2021 14:59

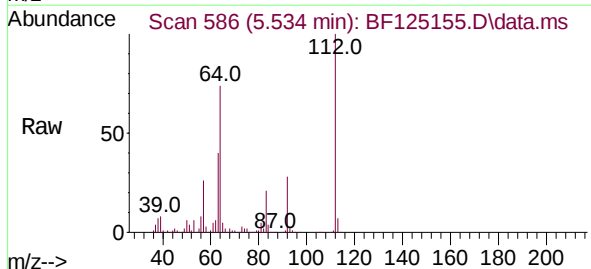
Instrument :
BNA_F
ClientSampleId :
2-EXT-A



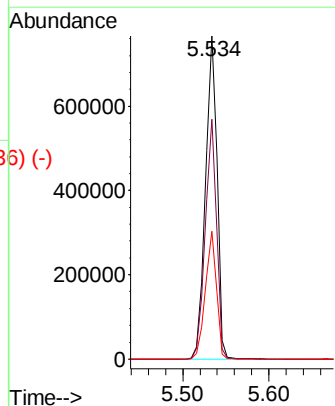
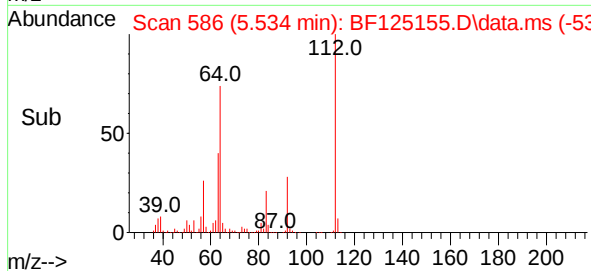
Tgt Ion:152 Resp: 144674
Ion Ratio Lower Upper
152 100
150 157.1 117.6 176.4
115 59.6 47.1 70.7

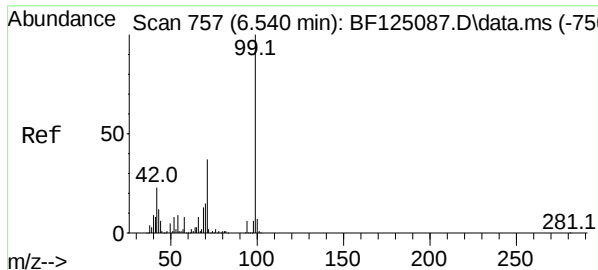


2-Fluorophenol
Concen: 74.307 ng
RT: 5.534 min Scan# 586
Delta R.T. -0.006 min
Lab File: BF125155.D
Acq: 23 Aug 2021 14:59



Tgt Ion:112 Resp: 710245
Ion Ratio Lower Upper
112 100
64 74.2 44.2 66.2#
63 39.6 26.2 39.2#

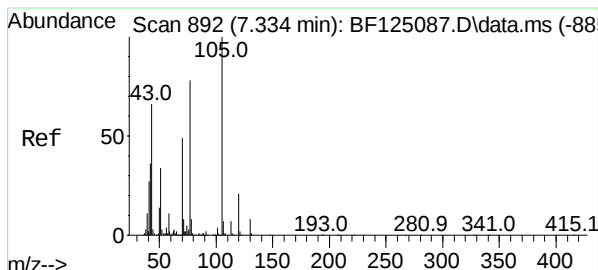
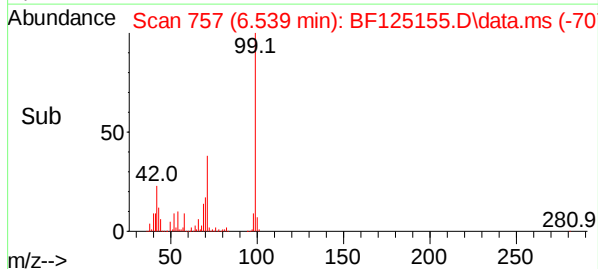
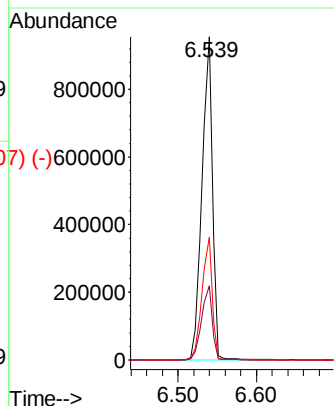
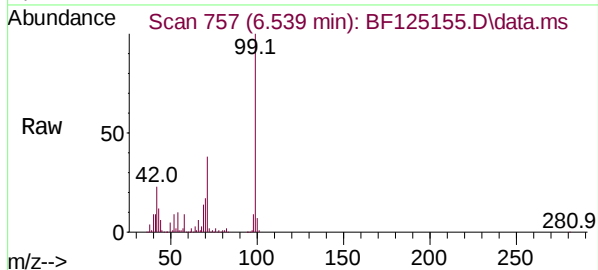




Phenol-d6
 Concen: 70.911 ng
 RT: 6.539 min Scan# 757
 Delta R.T. -0.006 min
 Lab File: BF125155.D
 Acq: 23 Aug 2021 14:59

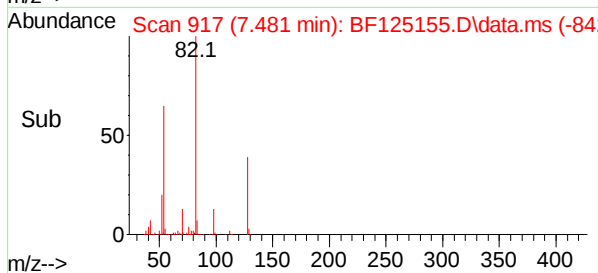
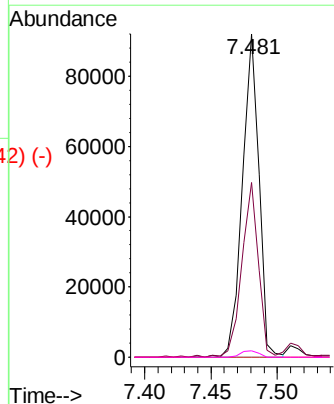
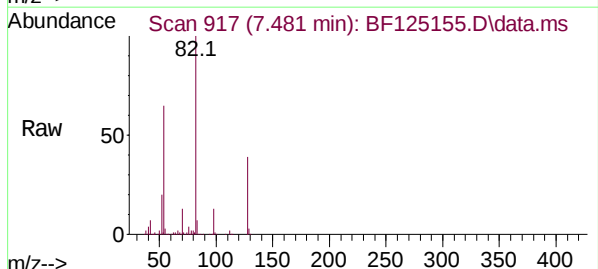
Instrument :
 BNA_F
 ClientSampleId :
 2-EXT-A

Tgt Ion:	99	Resp:	876589
Ion	Ratio	Lower	Upper
99	100		
42	22.9	23.5	35.3#
71	38.0	25.6	38.4



n-Nitroso-di-n-propylamine
 Concen: 10.834 ng
 RT: 7.481 min Scan# 917
 Delta R.T. 0.141 min
 Lab File: BF125155.D
 Acq: 23 Aug 2021 14:59

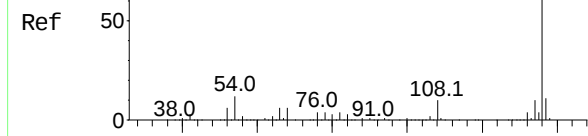
Tgt Ion:	70	Resp:	80559
Ion	Ratio	Lower	Upper
70	100		
42	54.1	72.2	108.2#
101	0.0	7.8	11.8#
130	1.9	21.8	32.6#



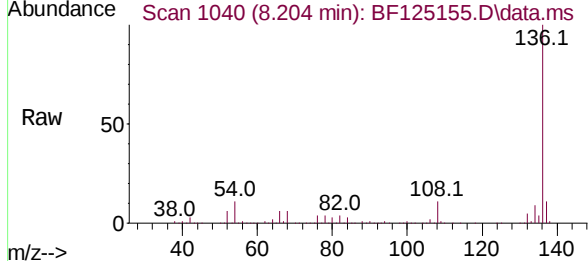
Abundance Scan 1040 (8.204 min): BF125087.D\data.ms (-10351)

Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF125155.D
Acq: 23 Aug 2021 14:59

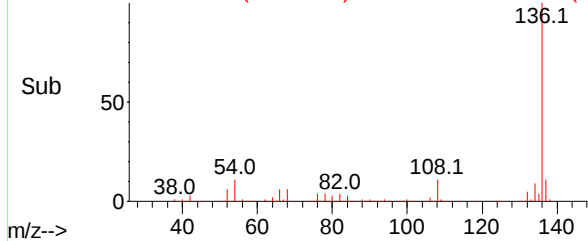
Instrument :
BNA_F
ClientSampled :
2-EXT-A



m/z-->

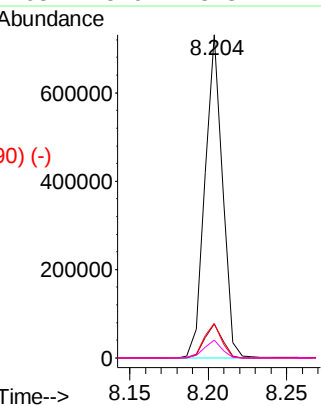


m/z-->



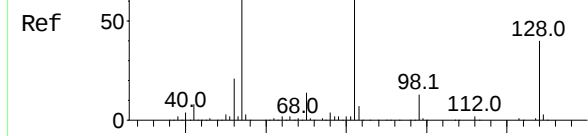
m/z-->

Tgt Ion:	136	Resp:	569915
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.8	14.6
54	10.7	6.4	9.6#
68	5.6	3.3	4.9#

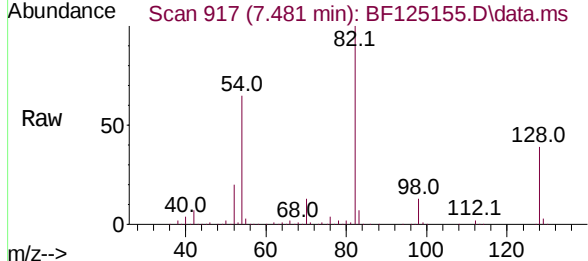


Abundance Scan 918 (7.487 min): BF125087.D\data.ms (-912#23)

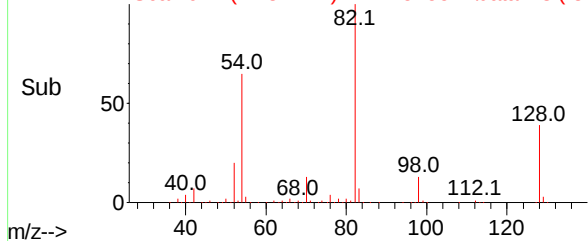
Nitrobenzene-d5
Concen: 52.856 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125155.D
Acq: 23 Aug 2021 14:59



m/z-->

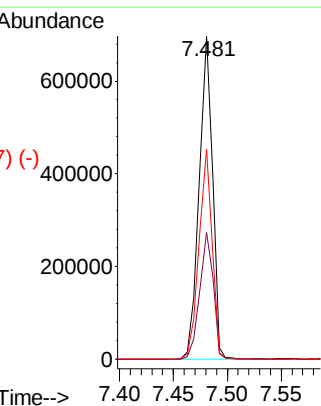


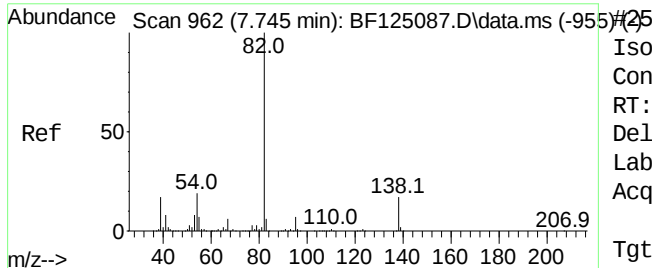
m/z-->



m/z-->

Tgt Ion:	82	Resp:	598348
Ion	Ratio	Lower	Upper
82	100		
128	39.3	40.6	60.8#
54	64.9	49.6	74.4

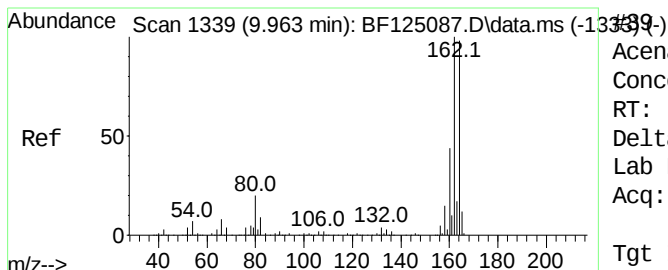
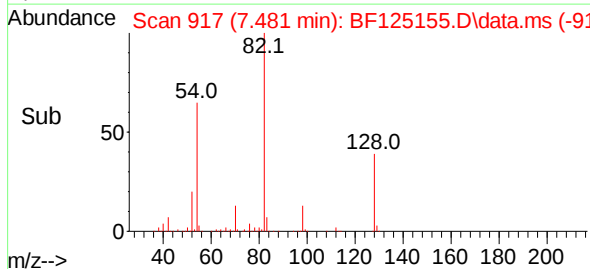
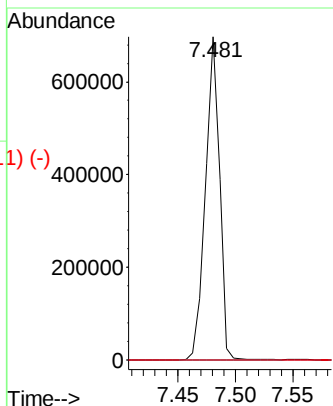
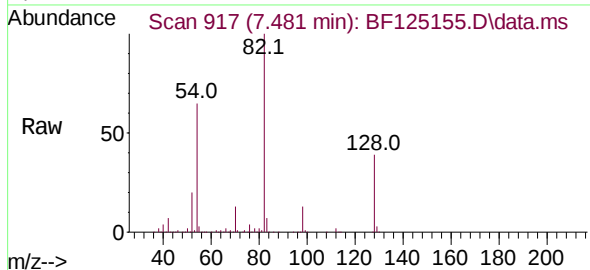




Isophorone
 Concen: 27.398 ng
 RT: 7.481 min Scan# 917
 Delta R.T. -0.265 min
 Lab File: BF125155.D
 Acq: 23 Aug 2021 14:59

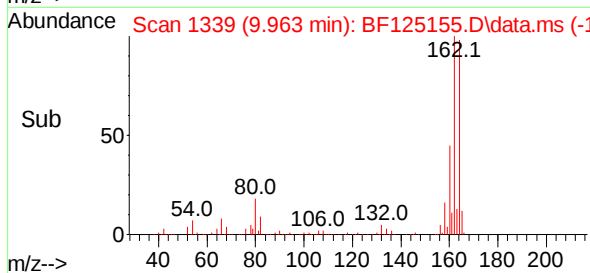
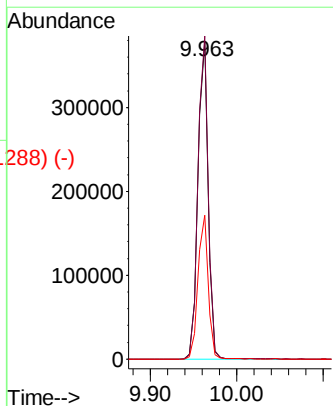
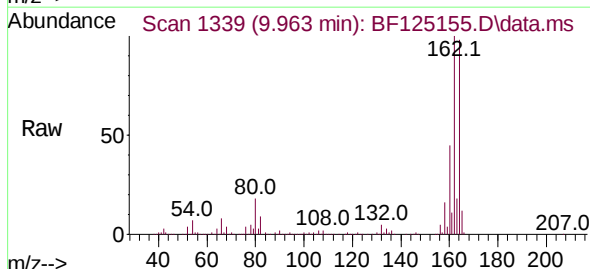
Instrument :
 BNA_F
 ClientSampleId :
 2-EXT-A

Tgt Ion:	82	Resp:	598341
Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.5	9.7#
138	0.0	18.4	27.6#



Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.963 min Scan# 1339
 Delta R.T. 0.000 min
 Lab File: BF125155.D
 Acq: 23 Aug 2021 14:59

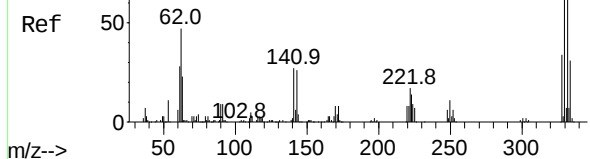
Tgt Ion:	164	Resp:	309614
Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.3	121.9
160	45.4	38.0	57.0



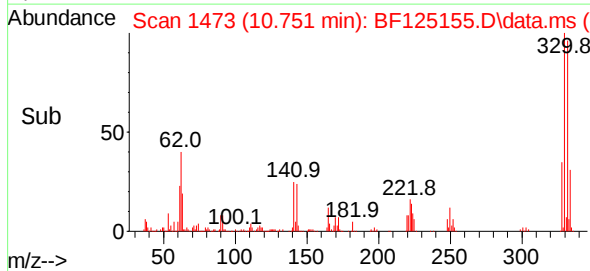
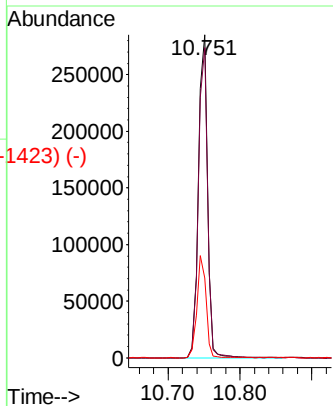
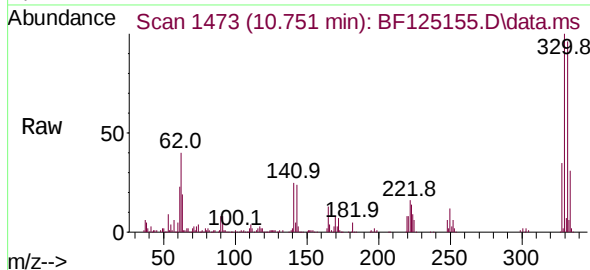
Abundance Scan 1473 (10.751 min): BF125087.D\data.ms (-1473) (-)

2,4,6-Tribromophenol
Concen: 80.331 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF125155.D
Acq: 23 Aug 2021 14:59

Instrument :
BNA_F
ClientSampleId :
2-EXT-A

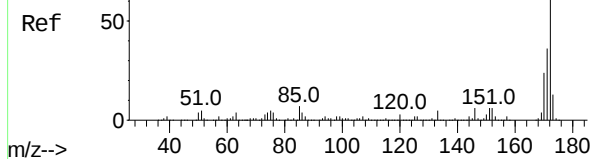


Tgt Ion:	330	Resp:	248274
Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.2	114.4
141	32.1	44.6	66.8#

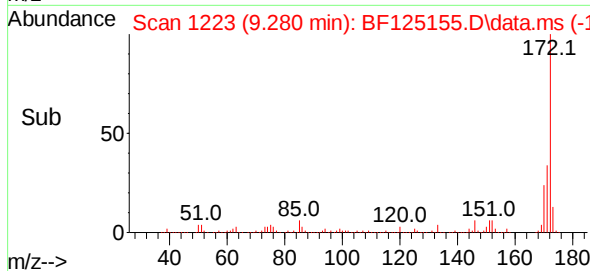
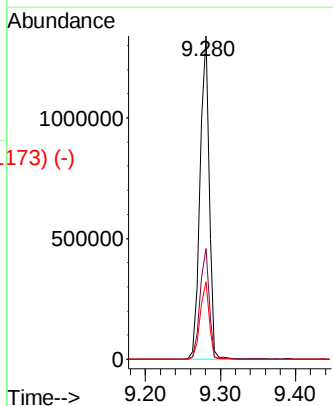
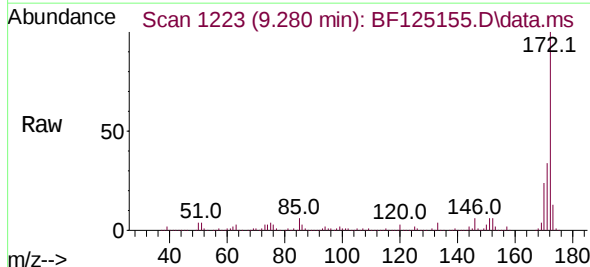


Abundance Scan 1223 (9.281 min): BF125087.D\data.ms (-1223) (-)

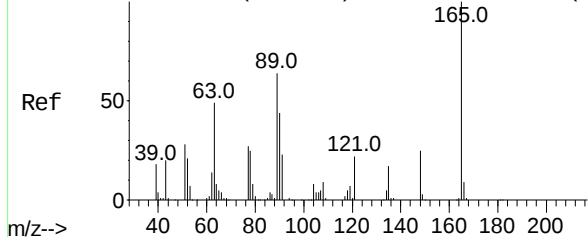
2-Fluorobiphenyl
Concen: 51.422 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF125155.D
Acq: 23 Aug 2021 14:59



Tgt Ion:	172	Resp:	1142317
Ion	Ratio	Lower	Upper
172	100		
171	34.3	26.5	39.7
170	23.9	18.8	28.2



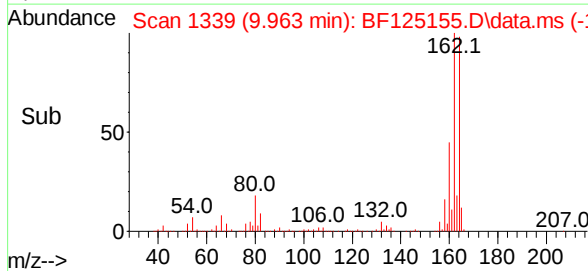
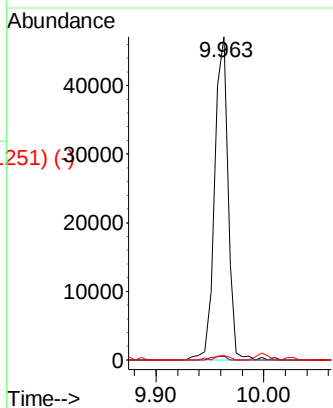
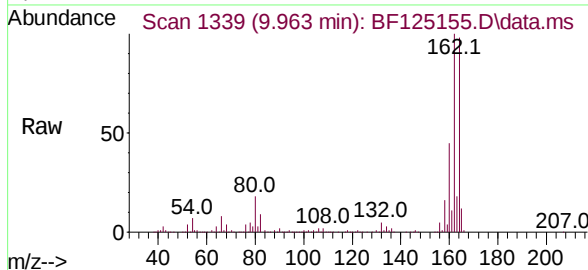
Abundance Scan 1301 (9.739 min): BF125087.D\data.ms (-12951)



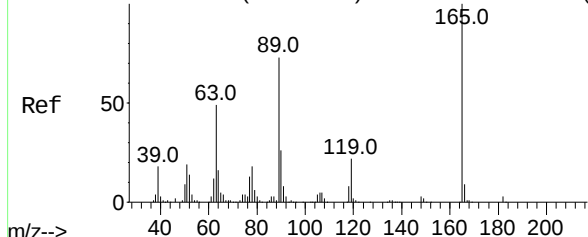
2,6-Dinitrotoluene
Concen: 8.802 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.218 min
Lab File: BF125155.D
Acq: 23 Aug 2021 14:59

Instrument :
BNA_F
ClientSampled :
2-EXT-A

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.6	63.8#
89	1.4	40.6	60.8#

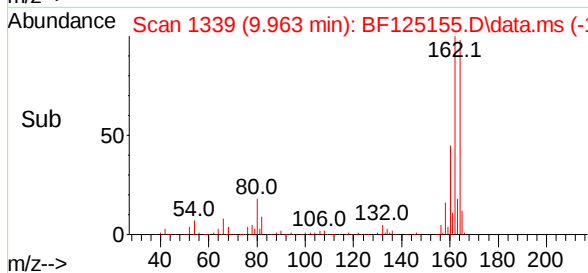
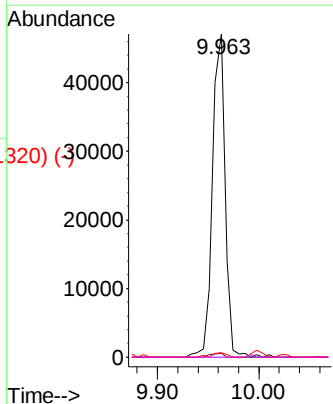
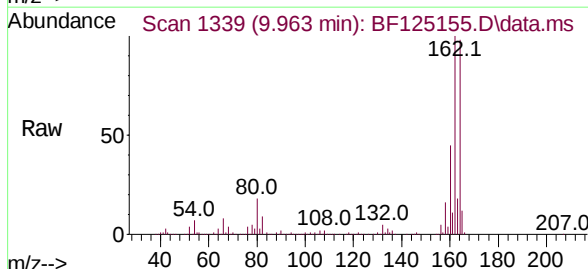


Abundance Scan 1370 (10.145 min): BF125087.D\data.ms (-1357)



2,4-Dinitrotoluene
Concen: 7.271 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.188 min
Lab File: BF125155.D
Acq: 23 Aug 2021 14:59

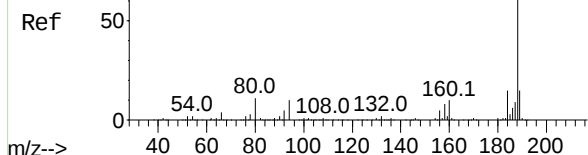
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.9	61.3#
89	1.4	59.7	89.5#
182	0.0	0.0	0.0



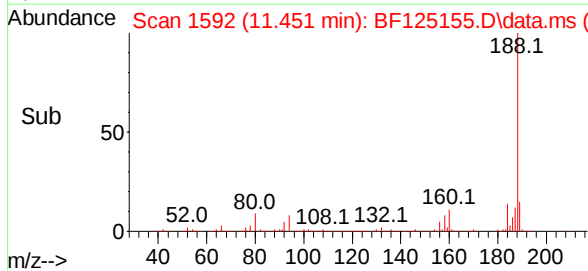
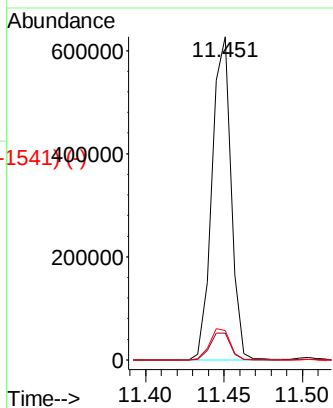
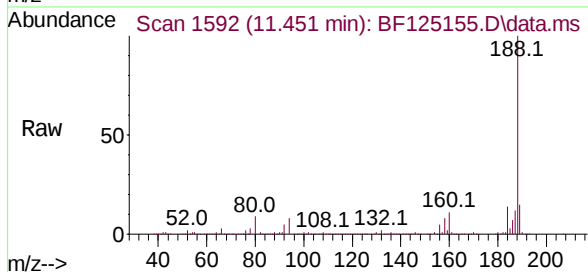
Abundance Scan 1591 (11.445 min): BF125087.D\data.ms (-1564) (-)

Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. 0.000 min
Lab File: BF125155.D
Acq: 23 Aug 2021 14:59

Instrument :
BNA_F
ClientSampleId :
2-EXT-A

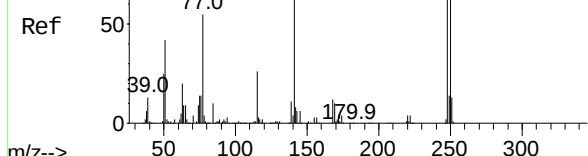


Tgt Ion:	188	Resp:	534288
Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.7	10.1
80	9.2	7.5	11.3

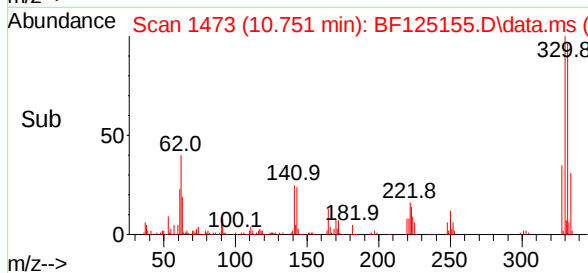
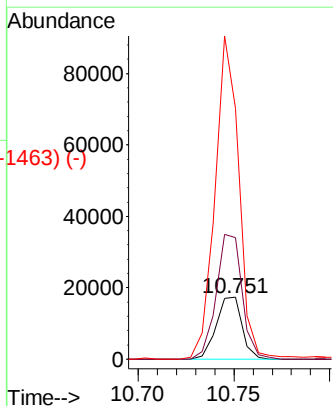
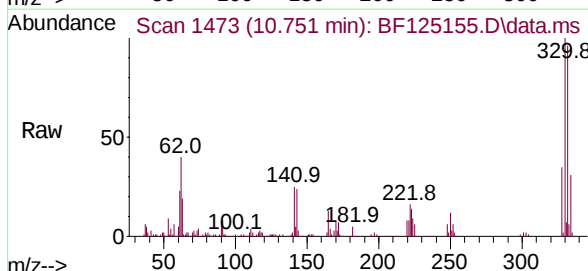


Abundance Scan 1514 (10.992 min): BF125087.D\data.ms (-1567) (-)

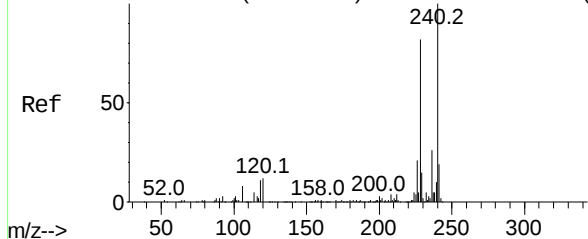
4-Bromophenyl-phenylether
Concen: 2.513 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.241 min
Lab File: BF125155.D
Acq: 23 Aug 2021 14:59



Tgt Ion:	248	Resp:	16121
Ion	Ratio	Lower	Upper
248	100		
250	196.5	74.2	111.4#
141	405.1	60.4	90.6#



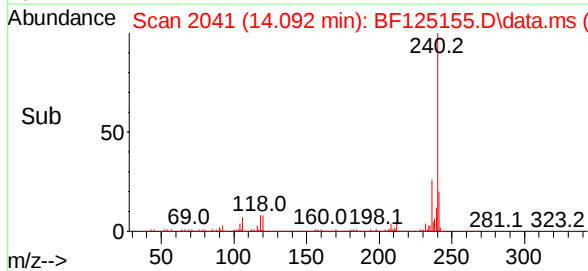
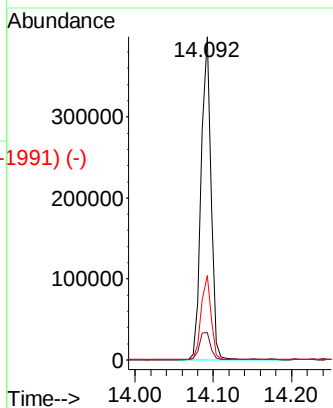
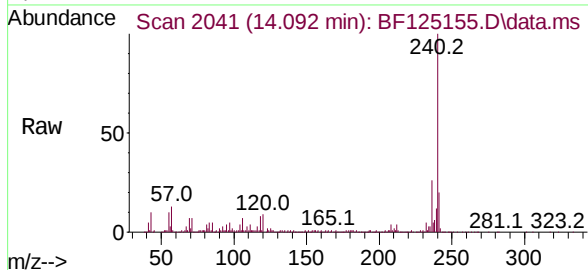
Abundance Scan 2040 (14.086 min): BF125087.D\data.ms (-1991) (-)



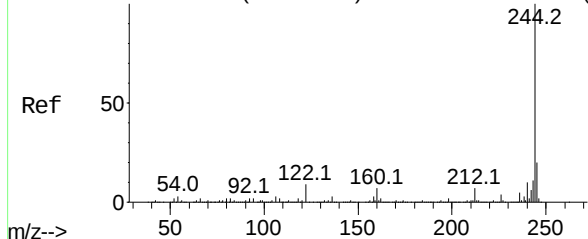
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF125155.D
Acq: 23 Aug 2021 14:59

Instrument :
BNA_F
ClientSampleId :
2-EXT-A

Tgt Ion:	240	Resp:	344973
Ion	Ratio	Lower	Upper
240	100		
120	8.5	10.8	16.2#
236	26.2	21.6	32.4

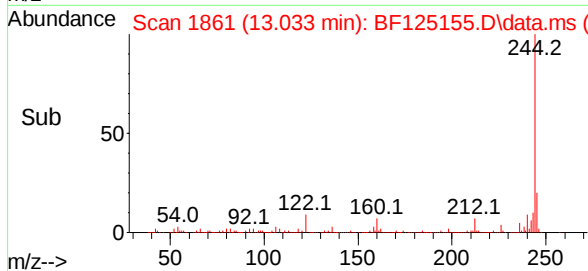
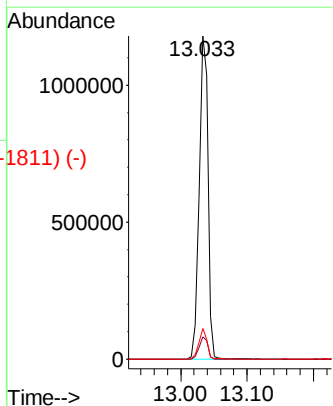
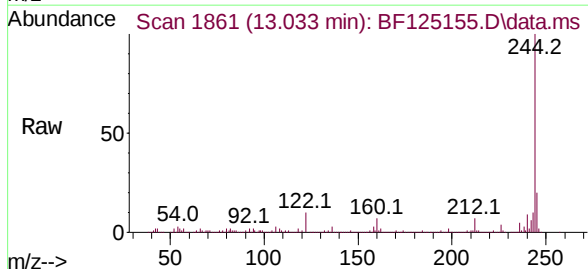


Abundance Scan 1861 (13.033 min): BF125087.D\data.ms (-1879) (-)

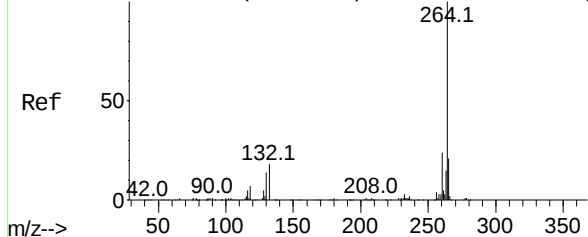


Terphenyl-d14
Concen: 50.839 ng
RT: 13.033 min Scan# 1861
Delta R.T. -0.006 min
Lab File: BF125155.D
Acq: 23 Aug 2021 14:59

Tgt Ion:	244	Resp:	1100885
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	9.5	9.0	13.4



Abundance Scan 2294 (15.580 min): BF125087.D\data.ms (-2286) (-)

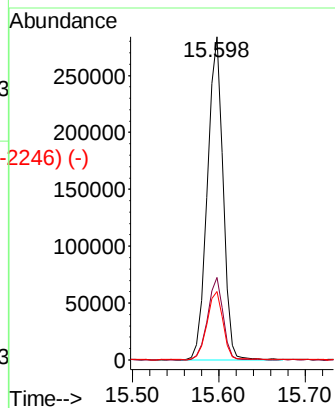
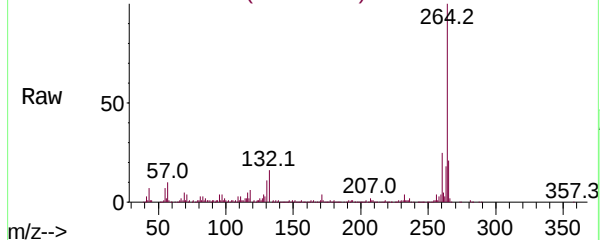


Perylene-d12
Concen: 20.000 ng
RT: 15.598 min Scan# 2297
Delta R.T. 0.000 min
Lab File: BF125155.D
Acq: 23 Aug 2021 14:59

Instrument :
BNA_F
ClientSampleId :
2-EXT-A

Tgt Ion:	264	Resp:	355968
Ion Ratio		Lower	Upper
264	100		
260	25.5	19.6	29.4
265	21.2	17.2	25.8

Abundance Scan 2297 (15.598 min): BF125155.D\data.ms



Abundance Scan 2297 (15.598 min): BF125155.D\data.ms (-2246) (-)

