

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082321\
 Data File : BF125156.D
 Acq On : 23 Aug 2021 15:32
 Operator : JU/CG
 Sample : M3465-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CON-C

Quant Time: Aug 23 16:53:34 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)

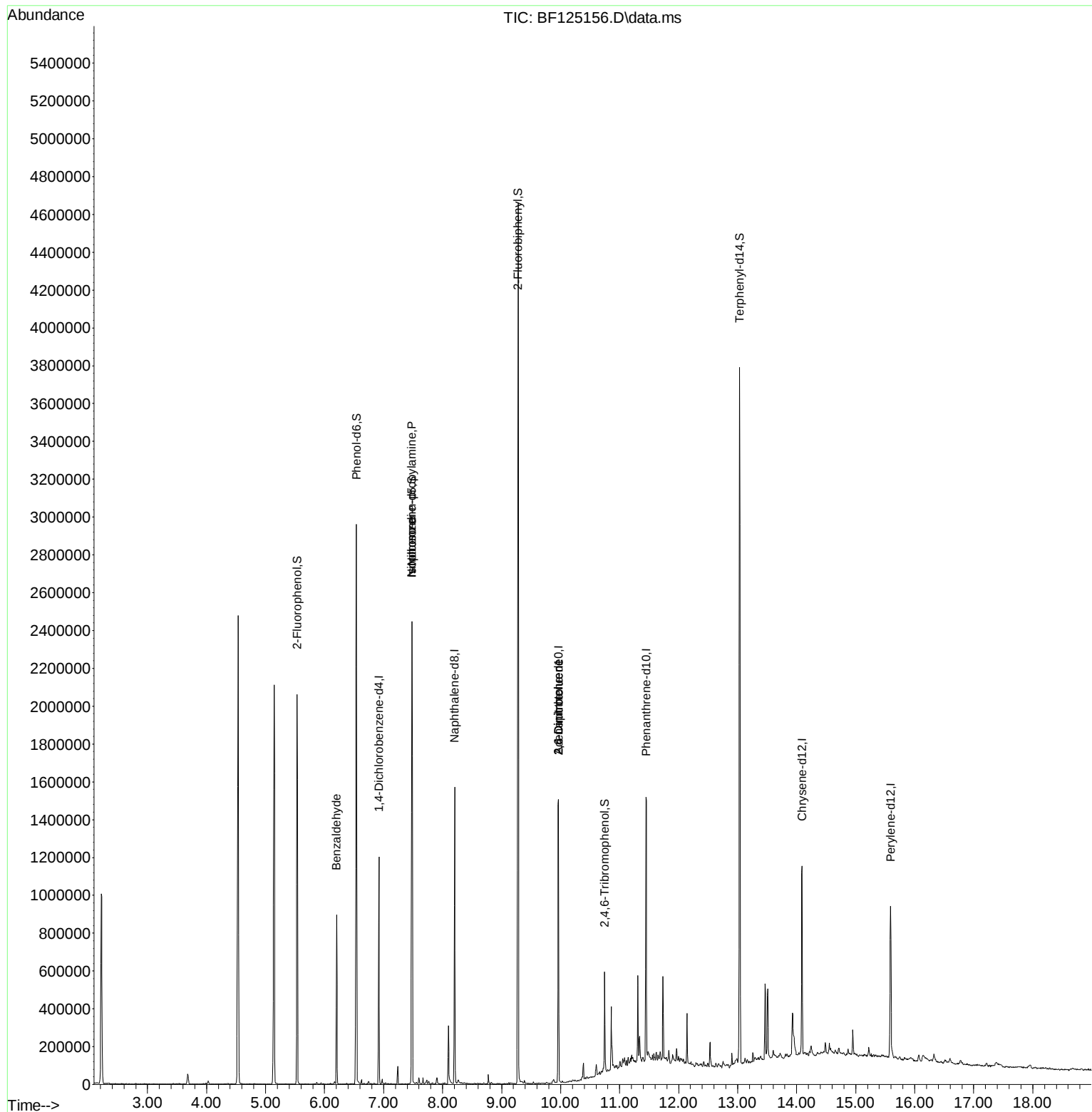
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	154004	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	595989	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	325827	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	538849	20.000	ng	0.00
76) Chrysene-d12	14.092	240	368576	20.000	ng	# 0.00
86) Perylene-d12	15.592	264	373658	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	486456	47.810	ng	0.00
7) Phenol-d6	6.539	99	913423	69.414	ng	0.00
23) Nitrobenzene-d5	7.481	82	737155	62.269	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	57599	17.709	ng	-0.01
45) 2-Fluorobiphenyl	9.280	172	1343774	57.480	ng	0.00
79) Terphenyl-d14	13.033	244	1309877	56.617	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.204	77	51636	5.591	ng	# 20
19) n-Nitroso-di-n-propyla...	7.481	70	103007	13.014	ng	# 61
25) Isophorone	7.481	82	737145	32.278	ng	# 59
51) 2,6-Dinitrotoluene	9.963	165	41569	8.490	ng	# 28
57) 2,4-Dinitrotoluene	9.963	165	41569	7.015	ng	# 20

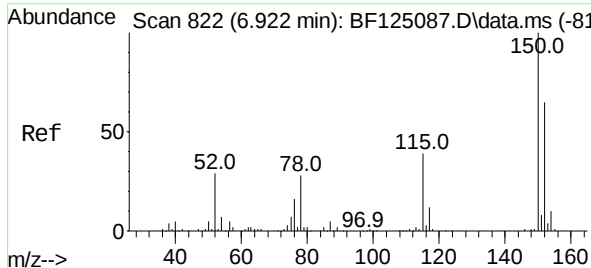
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 23 10:15:49 2021
Response via : Initial Calibration

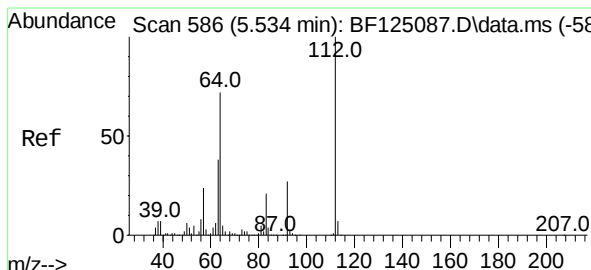
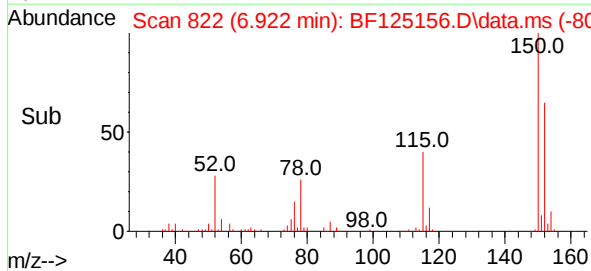
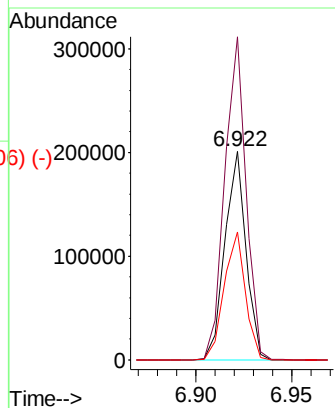
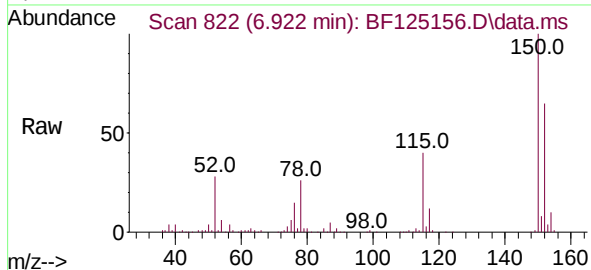




1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF125156.D
Acq: 23 Aug 2021 15:32

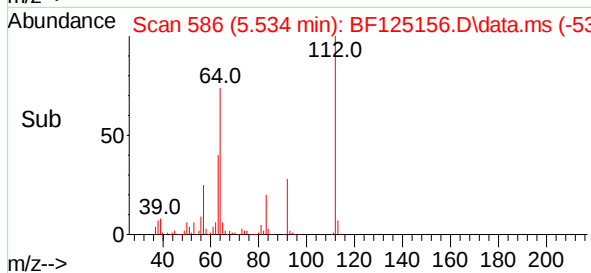
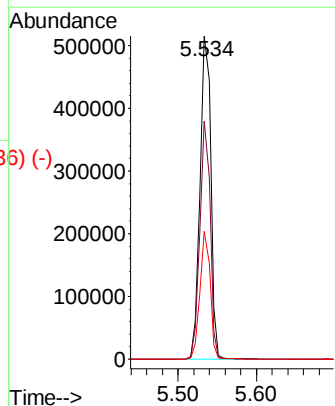
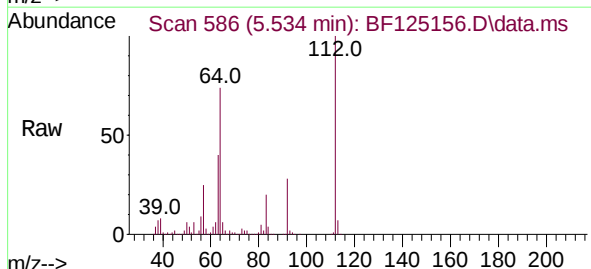
Instrument :
BNA_F
ClientSampleId :
CON-C

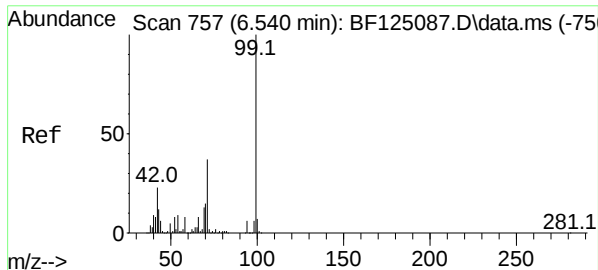
Tgt Ion:152 Resp: 154004
Ion Ratio Lower Upper
152 100
150 154.7 117.6 176.4
115 61.2 47.1 70.7



2-Fluorophenol
Concen: 47.810 ng
RT: 5.534 min Scan# 586
Delta R.T. -0.006 min
Lab File: BF125156.D
Acq: 23 Aug 2021 15:32

Tgt Ion:112 Resp: 486456
Ion Ratio Lower Upper
112 100
64 73.7 44.2 66.2#
63 39.5 26.2 39.2#

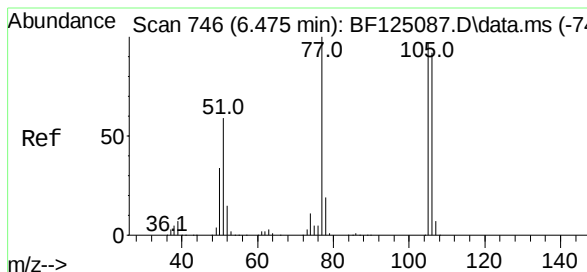
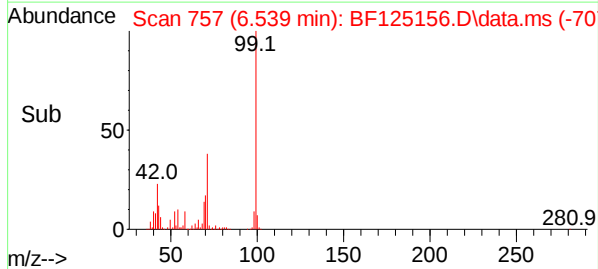
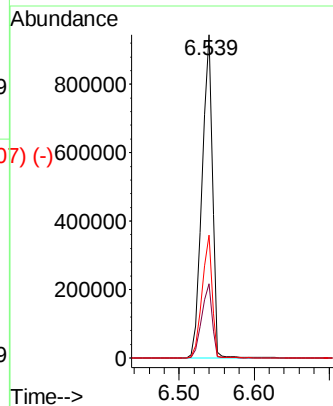
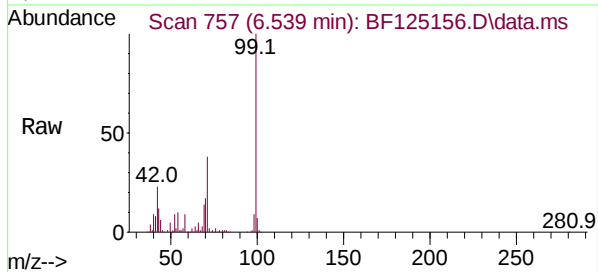




Phenol-d6
Concen: 69.414 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF125156.D
Acq: 23 Aug 2021 15:32

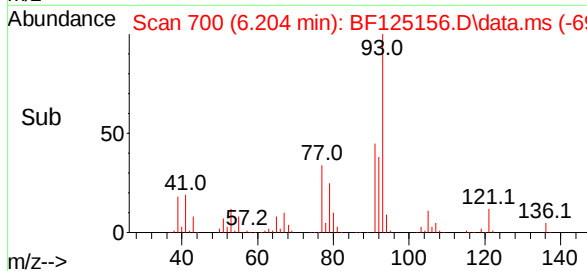
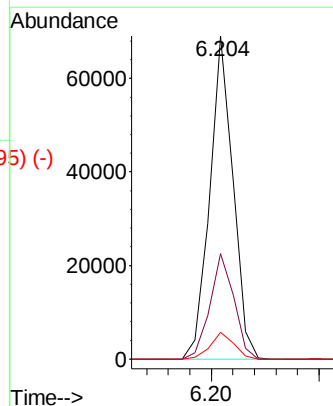
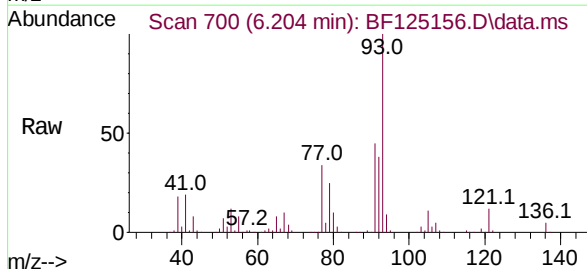
Instrument :
BNA_F
ClientSampleId :
CON-C

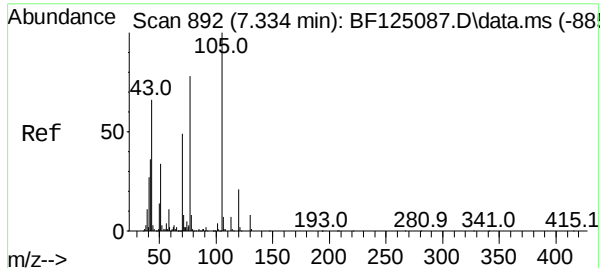
Tgt Ion: 99 Resp: 913423
Ion Ratio Lower Upper
99 100
42 23.0 23.5 35.3#
71 38.0 25.6 38.4



Benzaldehyde
Concen: 5.591 ng
RT: 6.204 min Scan# 700
Delta R.T. -0.271 min
Lab File: BF125156.D
Acq: 23 Aug 2021 15:32

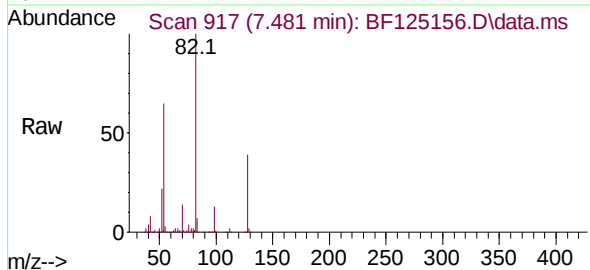
Tgt Ion: 77 Resp: 51636
Ion Ratio Lower Upper
77 100
105 32.6 75.9 115.9#
106 8.3 84.0 124.0#



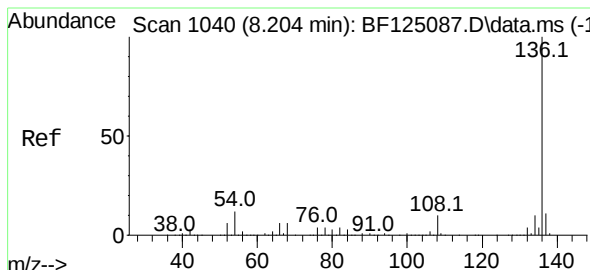
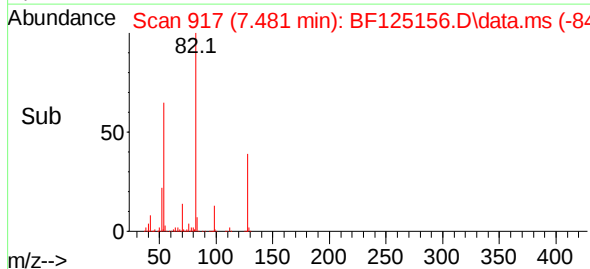
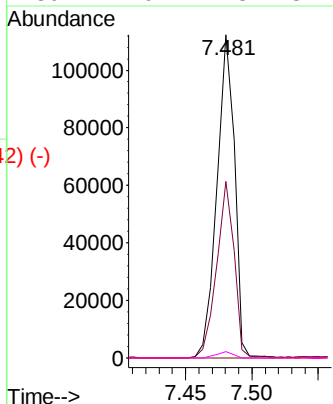


#19
n-Nitroso-di-n-propylamine
Concen: 13.014 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.141 min
Lab File: BF125156.D
Acq: 23 Aug 2021 15:32

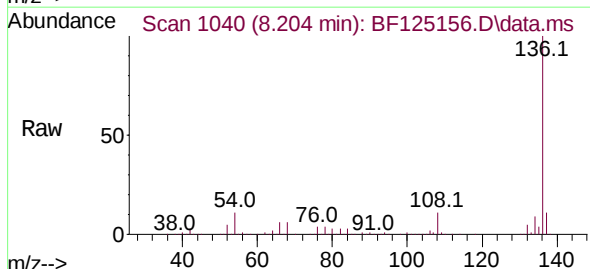
Instrument :
BNA_F
ClientSampled :
CON-C



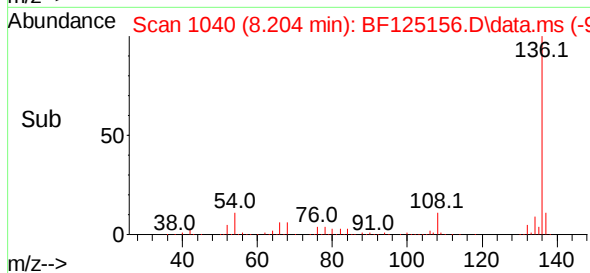
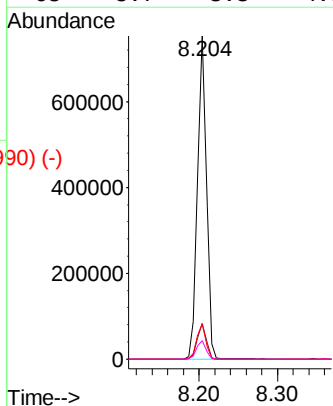
Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.6	72.2	108.2#
101	0.0	7.8	11.8#
130	2.0	21.8	32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF125156.D
Acq: 23 Aug 2021 15:32



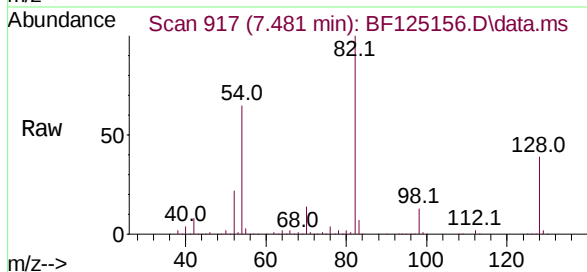
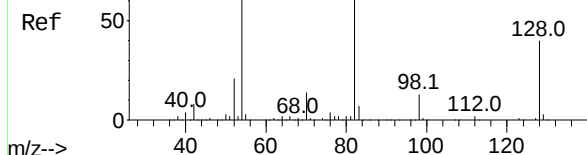
Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.8	14.6
54	10.8	6.4	9.6#
68	5.7	3.3	4.9#



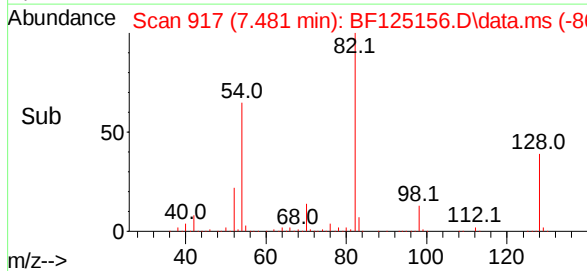
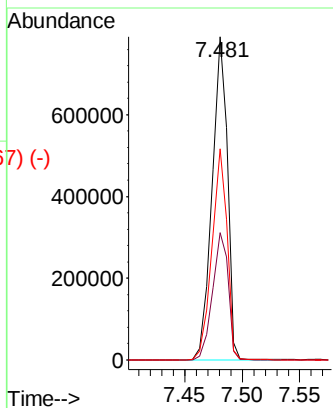
Abundance Scan 918 (7.487 min): BF125087.D\data.ms (-912) #23

Nitrobenzene-d5
Concen: 62.269 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125156.D
Acq: 23 Aug 2021 15:32

Instrument :
BNA_F
ClientSampleId :
CON-C

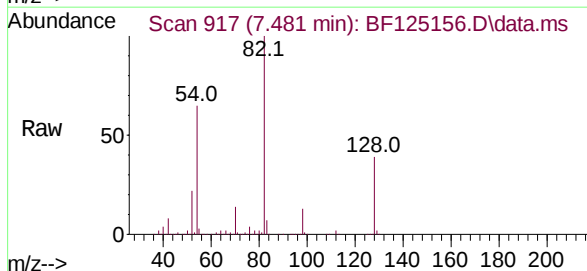
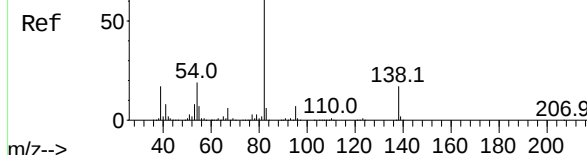


Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.4	40.6	60.8#
54	65.4	49.6	74.4

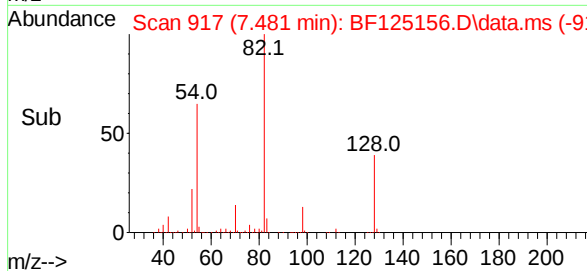
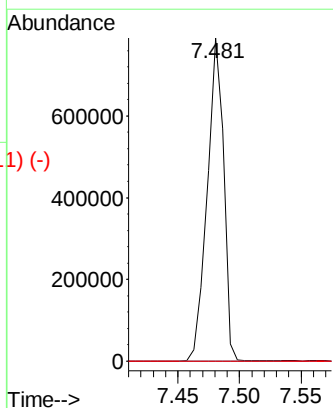


Abundance Scan 962 (7.745 min): BF125087.D\data.ms (-955) #25

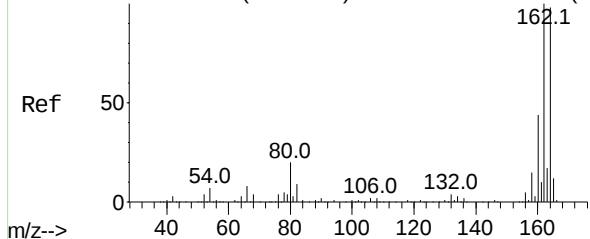
Isophorone
Concen: 32.278 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF125156.D
Acq: 23 Aug 2021 15:32



Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.1	6.5	9.7#
138	0.0	18.4	27.6#



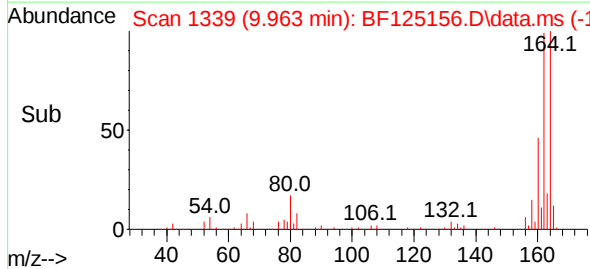
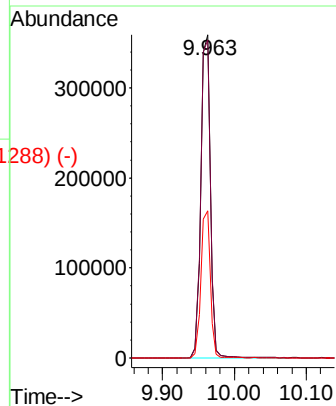
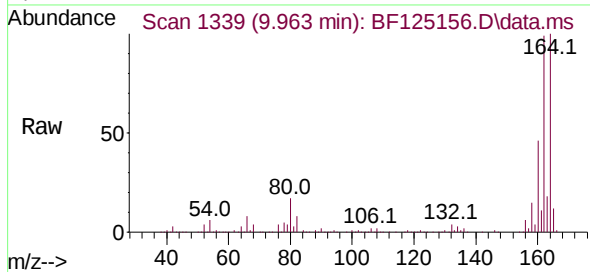
Abundance Scan 1339 (9.963 min): BF125087.D\data.ms (-1339)



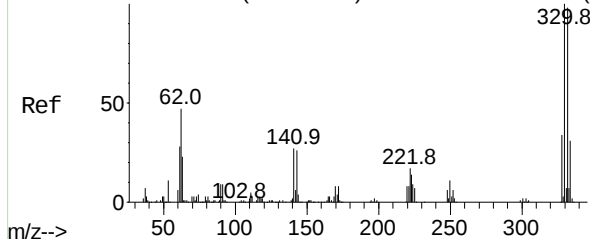
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF125156.D
Acq: 23 Aug 2021 15:32

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:	164	Resp:	325827
Ion	Ratio	Lower	Upper
164	100		
162	98.5	81.3	121.9
160	45.6	38.0	57.0

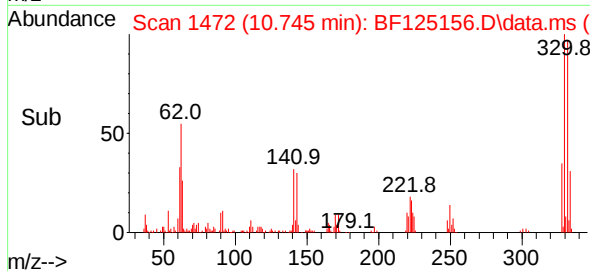
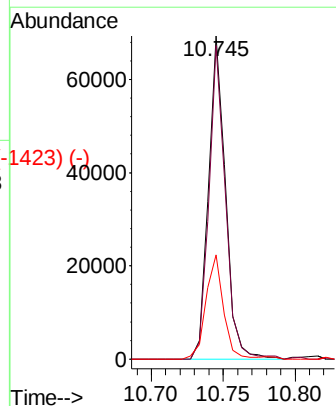
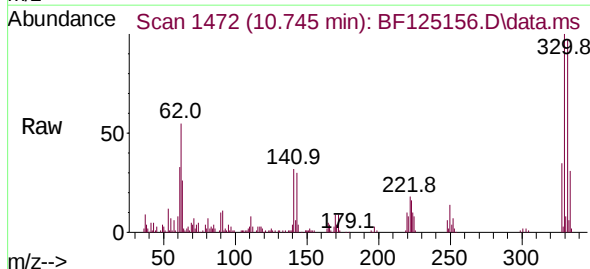


Abundance Scan 1473 (10.751 min): BF125087.D\data.ms (-1473) (-)



2,4,6-Tribromophenol
Concen: 17.709 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.012 min
Lab File: BF125156.D
Acq: 23 Aug 2021 15:32

Tgt Ion:	330	Resp:	57599
Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.2	114.4
141	33.8	44.6	66.8#



Abundance Scan 1223 (9.281 min): BF125087.D\data.ms (-121745)

2-Fluorobiphenyl

Concen: 57.480 ng

RT: 9.280 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF125156.D

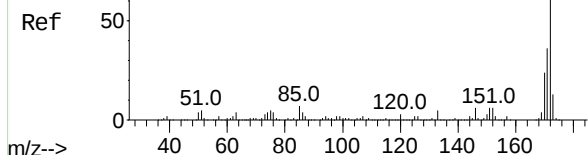
Acq: 23 Aug 2021 15:32

Instrument :

BNA_F

ClientSampleId :

CON-C



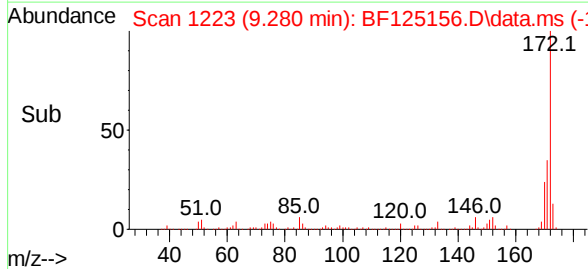
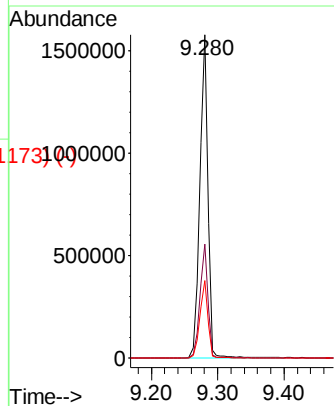
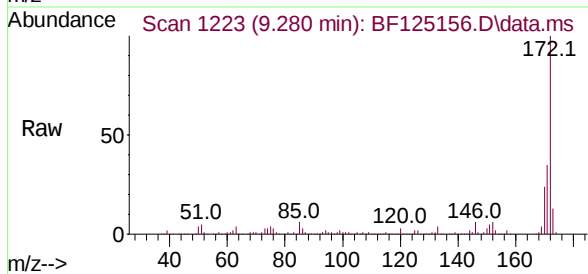
Tgt Ion:172 Resp: 1343774

Ion Ratio Lower Upper

172 100

171 35.3 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: 8.490 ng

RT: 9.963 min Scan# 1339

Delta R.T. 0.218 min

Lab File: BF125156.D

Acq: 23 Aug 2021 15:32

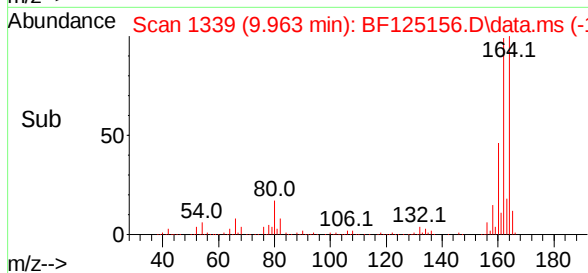
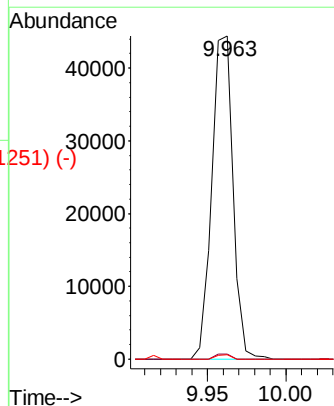
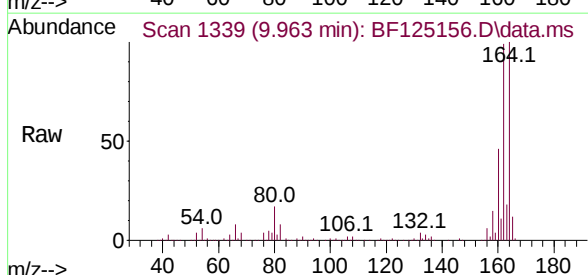
Tgt Ion:165 Resp: 41569

Ion Ratio Lower Upper

165 100

63 1.6 42.6 63.8#

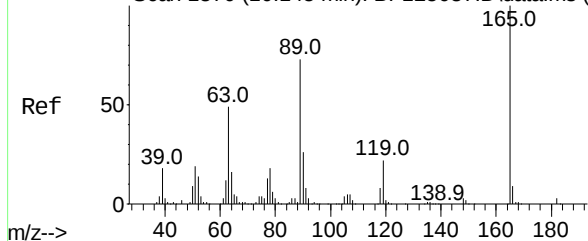
89 1.3 40.6 60.8#



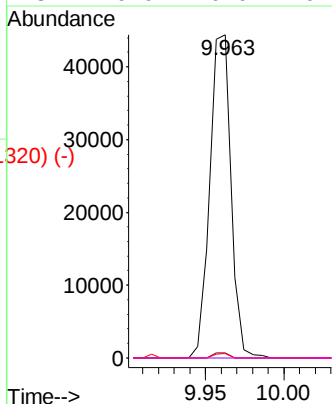
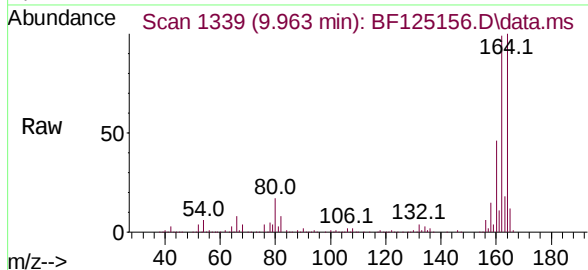
Abundance Scan 1370 (10.145 min): BF125087.D\data.ms (-1357) (-)

2,4-Dinitrotoluene
Concen: 7.015 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.188 min
Lab File: BF125156.D
Acq: 23 Aug 2021 15:32

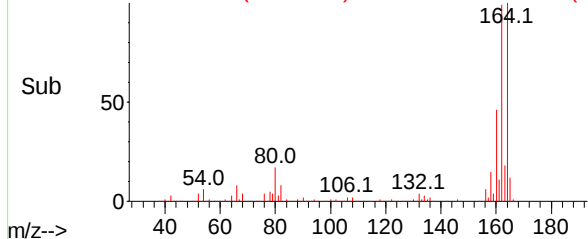
Instrument :
BNA_F
ClientSampled :
CON-C



Tgt Ion:	165	Resp:	41569
Ion	Ratio	Lower	Upper
165	100		
63	1.6	40.9	61.3#
89	1.3	59.7	89.5#
182	0.0	0.0	0.0

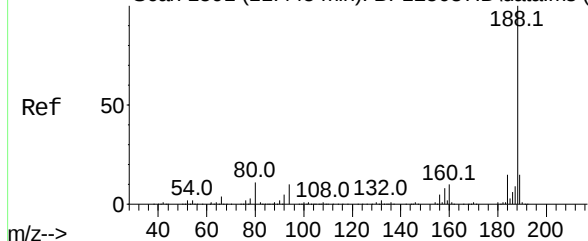


Abundance Scan 1339 (9.963 min): BF125156.D\data.ms (-1320) (-)

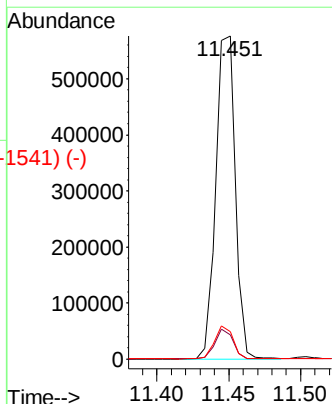
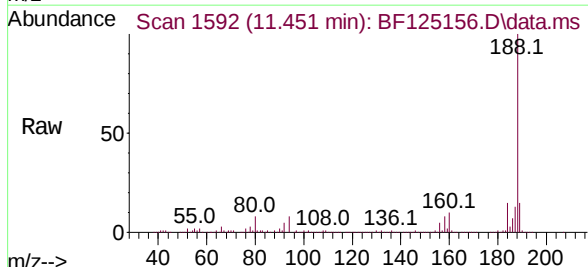


Abundance Scan 1591 (11.445 min): BF125087.D\data.ms (-1564) (-)

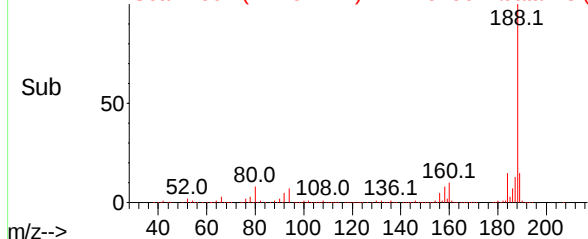
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. 0.000 min
Lab File: BF125156.D
Acq: 23 Aug 2021 15:32



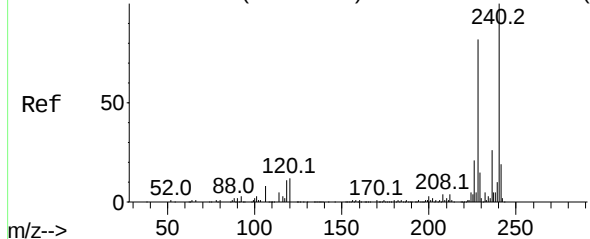
Tgt Ion:	188	Resp:	538849
Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.7	10.1
80	8.4	7.5	11.3



Abundance Scan 1592 (11.451 min): BF125156.D\data.ms (-1541) (-)



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

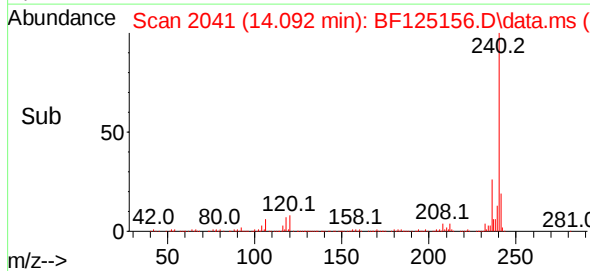
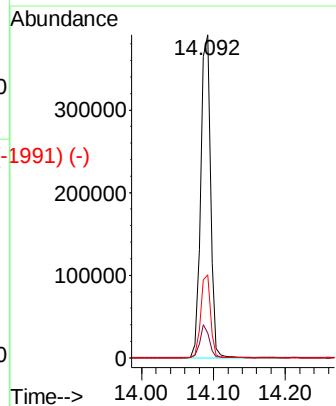
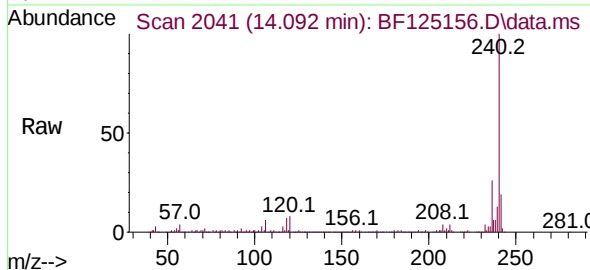


Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF125156.D
Acq: 23 Aug 2021 15:32

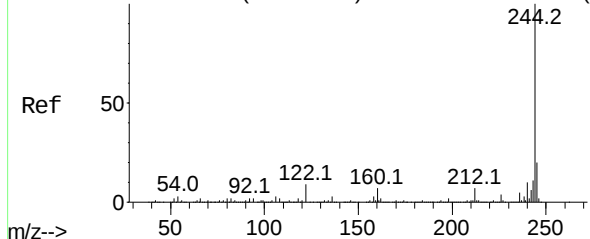
Instrument :
BNA_F
ClientSampleId :
CON-C

Tgt Ion:240 Resp: 368576
Ion Ratio Lower Upper

240	100		
120	7.8	10.8	16.2#
236	25.7	21.6	32.4



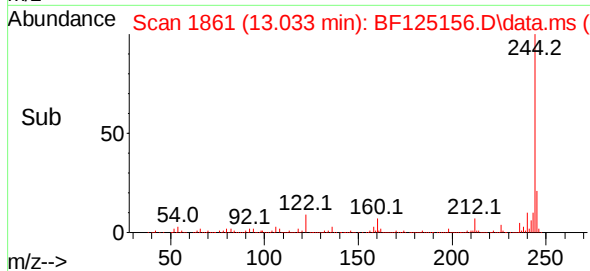
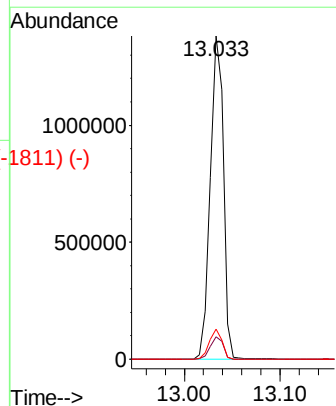
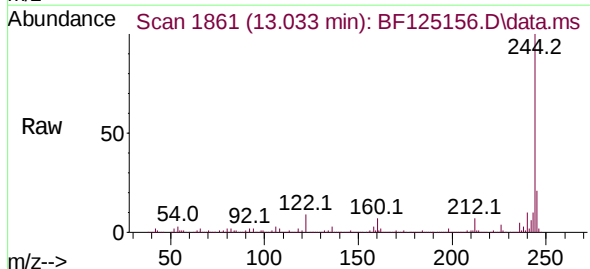
Abundance Scan 1861 (13.033 min): BF125087.D\data.ms (-1811) (-)



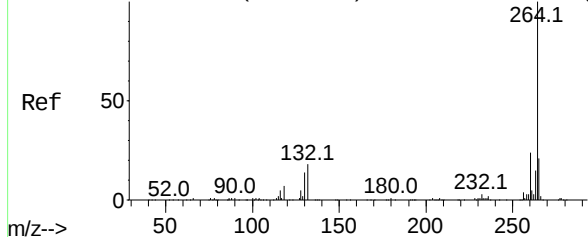
Terphenyl-d14
Concen: 56.617 ng
RT: 13.033 min Scan# 1861
Delta R.T. -0.006 min
Lab File: BF125156.D
Acq: 23 Aug 2021 15:32

Tgt Ion:244 Resp: 1309877
Ion Ratio Lower Upper

244	100		
212	6.9	5.9	8.9
122	9.2	9.0	13.4

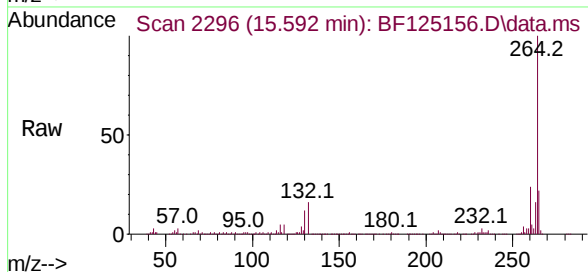


Abundance Scan 2294 (15.580 min): BF125087.D\data.ms (-2286) (-)



Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BF125156.D
Acq: 23 Aug 2021 15:32

Instrument :
BNA_F
ClientSampleId :
CON-C



Tgt Ion:	264	Resp:	373658
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	21.7	17.2	25.8

Abundance Scan 2296 (15.592 min): BF125156.D\data.ms (-2246) (-)

