

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090321\
 Data File : BF125344.D
 Acq On : 3 Sep 2021 13:53
 Operator : JU/CG
 Sample : M3627-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROADSIDE-FEEDER

Quant Time: Sep 03 14:52:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 03 11:56:34 2021
 Response via : Initial Calibration

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

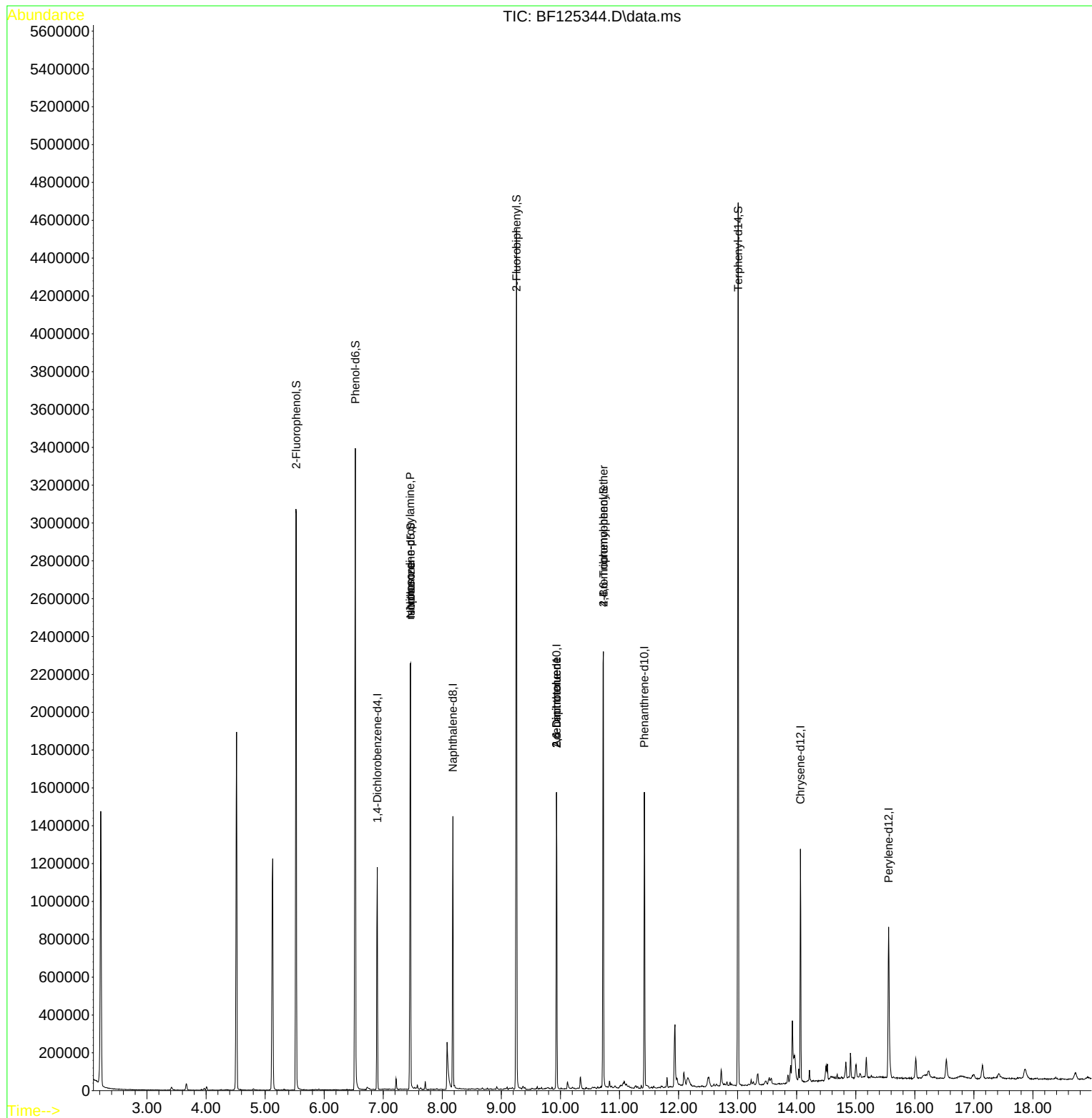
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	157614	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	606301	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	314351	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	577179	20.000	ng	0.00
76) Chrysene-d12	14.063	240	398858	20.000	ng	# 0.00
86) Perylene-d12	15.557	264	336660	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	836205	80.302	ng	0.00
7) Phenol-d6	6.528	99	1150213	85.406	ng	0.00
23) Nitrobenzene-d5	7.463	82	809019	67.177	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	301078	95.948	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1443683	64.008	ng	0.00
79) Terphenyl-d14	13.010	244	1621862	64.779	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.457	70	108290	13.368	ng	# 58
25) Isophorone	7.463	82	809012	34.822	ng	# 59
51) 2,6-Dinitrotoluene	9.933	165	40175	8.505	ng	# 28
57) 2,4-Dinitrotoluene	9.933	165	40175	7.027	ng	# 20
67) 4-Bromophenyl-phenylether	10.727	248	18171	2.622	ng	# 1

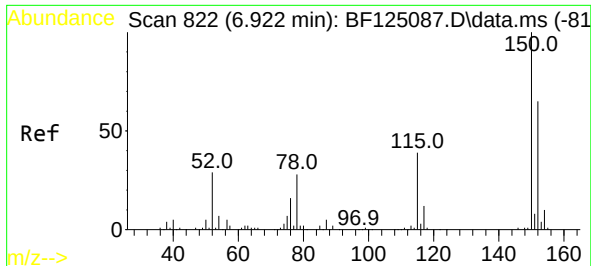
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 11:56:34 2021
Response via : Initial Calibration

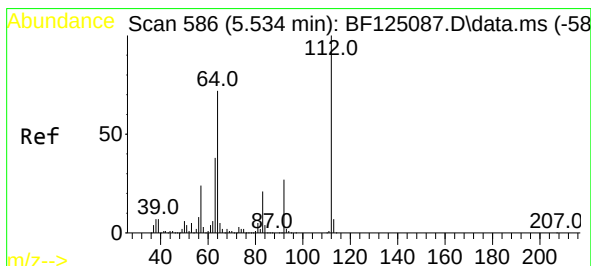
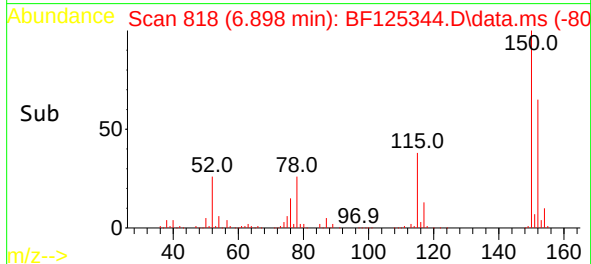
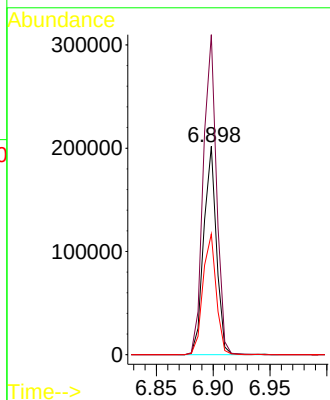
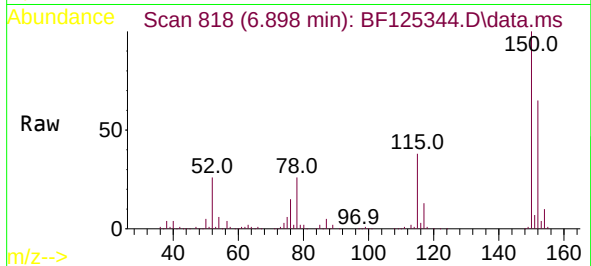




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF125344.D
Acq: 3 Sep 2021 13:53

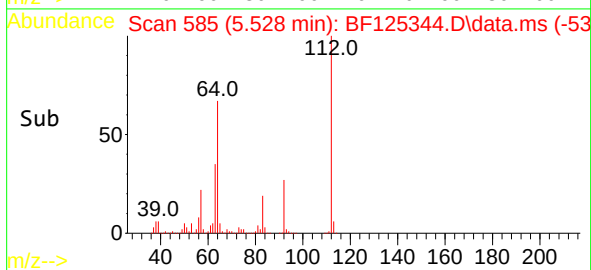
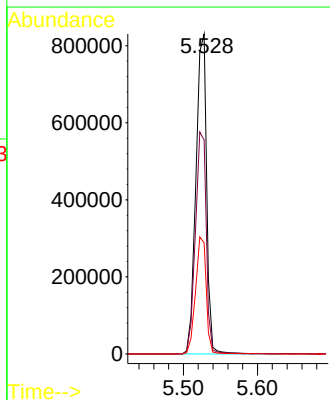
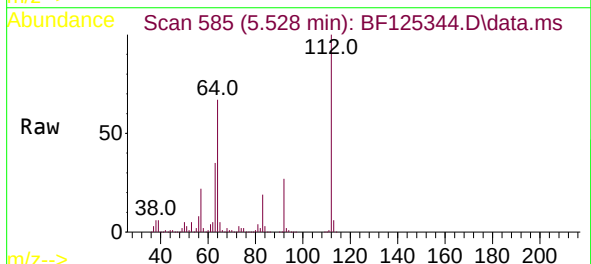
Instrument :
BNA_F
ClientSampleId :
ROADSIDE-FEEDER

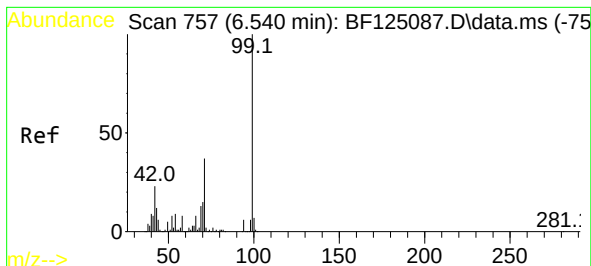
Tgt Ion:152 Resp: 157614
Ion Ratio Lower Upper
152 100
150 153.6 117.6 176.4
115 57.9 47.1 70.7



#5
2-Fluorophenol
Concen: 80.302 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.006 min
Lab File: BF125344.D
Acq: 3 Sep 2021 13:53

Tgt Ion:112 Resp: 836205
Ion Ratio Lower Upper
112 100
64 66.9 44.2 66.2#
63 34.7 26.2 39.2





#7

Phenol-d6

Concen: 85.406 ng

RT: 6.528 min Scan# 755

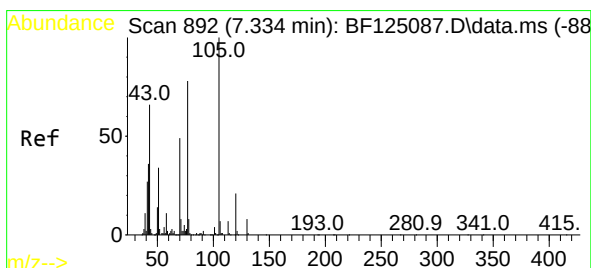
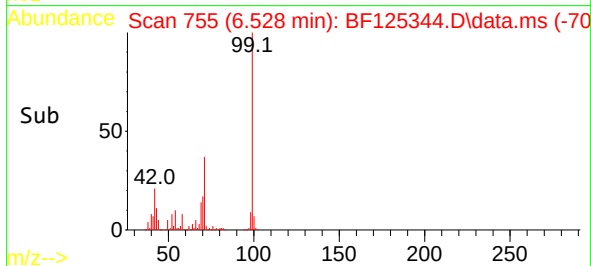
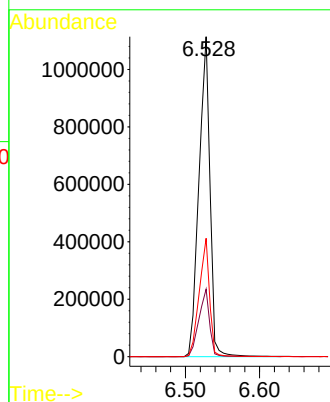
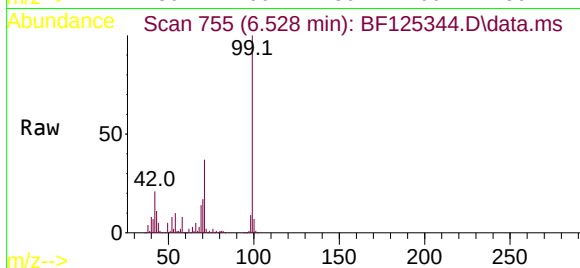
Delta R.T. -0.006 min

Lab File: BF125344.D

Acq: 3 Sep 2021 13:53

Tgt Ion: 99 Resp: 1150213

Ion	Ratio	Lower	Upper
99	100		
42	21.1	23.5	35.3#
71	37.0	25.6	38.4



#19

n-Nitroso-di-n-propylamine

Concen: 13.368 ng

RT: 7.457 min Scan# 913

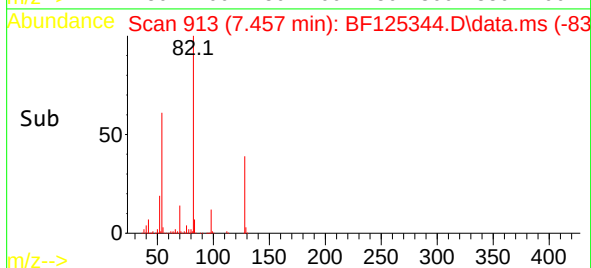
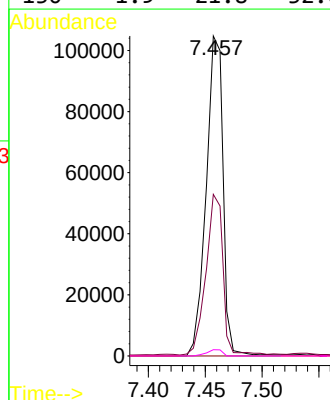
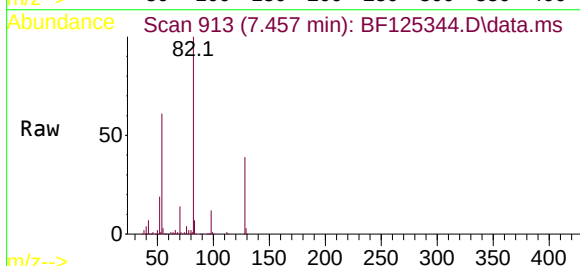
Delta R.T. 0.147 min

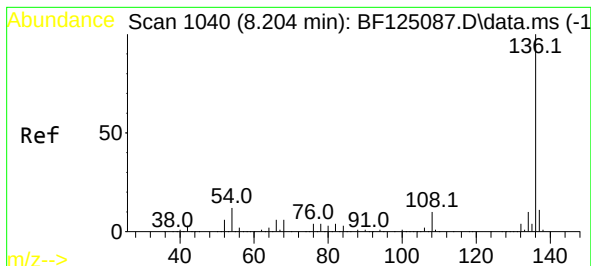
Lab File: BF125344.D

Acq: 3 Sep 2021 13:53

Tgt Ion: 70 Resp: 108290

Ion	Ratio	Lower	Upper
70	100		
42	50.5	72.2	108.2#
101	0.0	7.8	11.8#
130	1.9	21.8	32.6#



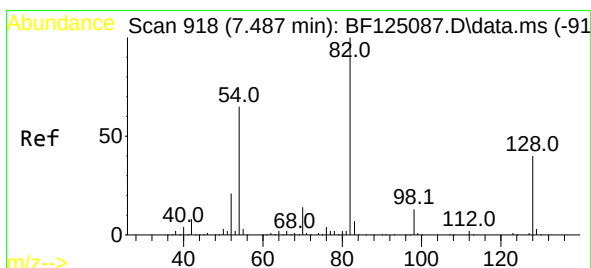
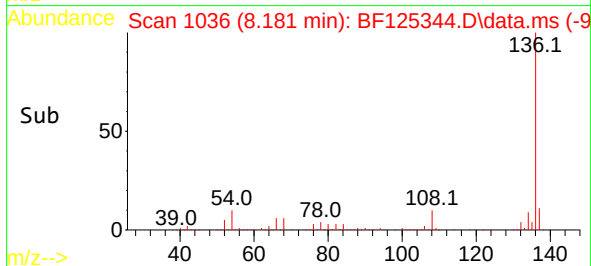
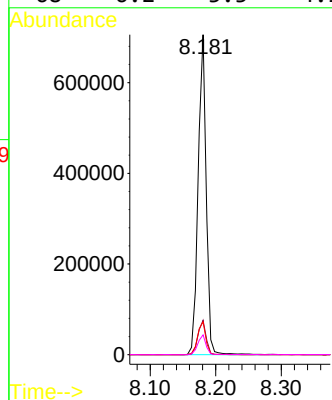
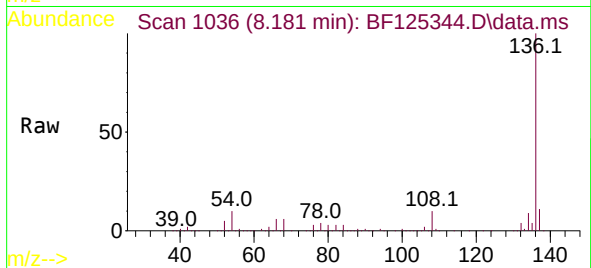


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF125344.D
Acq: 3 Sep 2021 13:53

Instrument :
BNA_F
ClientSampleId :
ROADSIDE-FEEDER

Tgt Ion:136 Resp: 606301

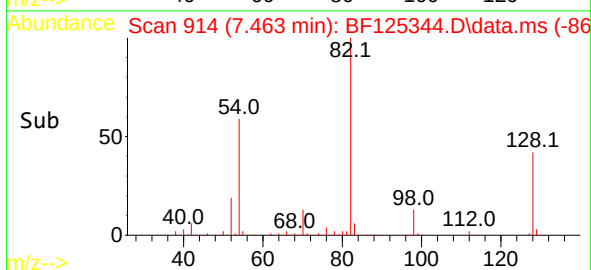
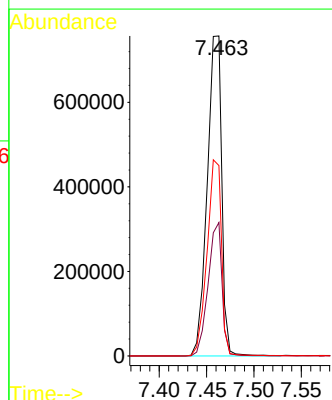
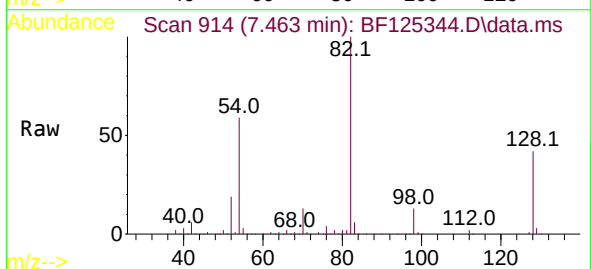
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.8	14.6
54	10.3	6.4	9.6#
68	6.2	3.3	4.9#

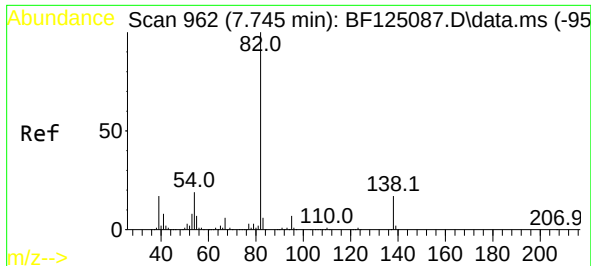


#23
Nitrobenzene-d5
Concen: 67.177 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF125344.D
Acq: 3 Sep 2021 13:53

Tgt Ion: 82 Resp: 809019

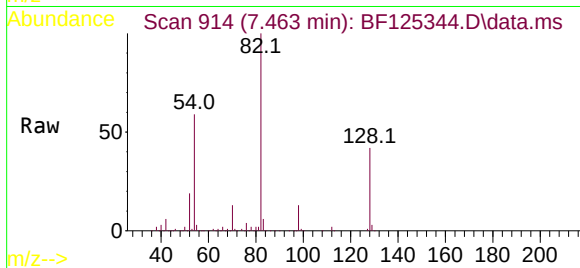
Ion	Ratio	Lower	Upper
82	100		
128	41.7	40.6	60.8
54	59.5	49.6	74.4



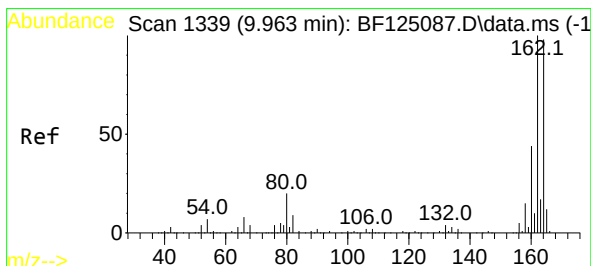
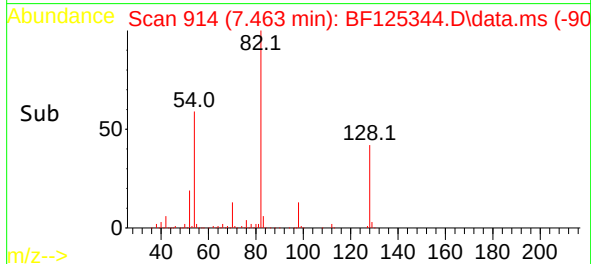
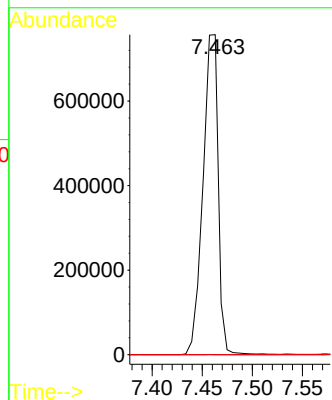


#25
Isophorone
Concen: 34.822 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF125344.D
Acq: 3 Sep 2021 13:53

Instrument :
BNA_F
ClientSampleId :
ROADSIDE-FEEDER

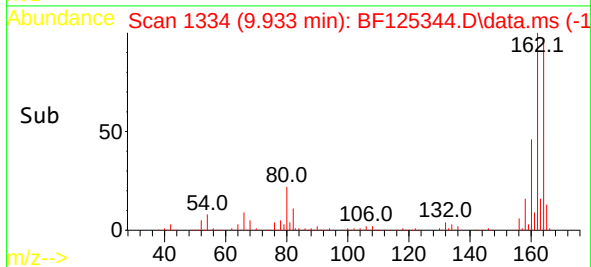
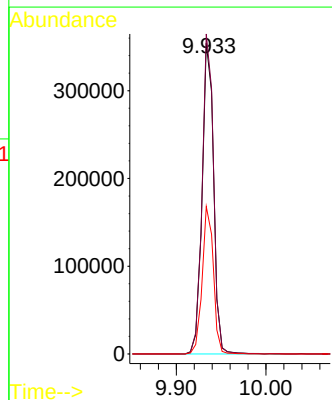
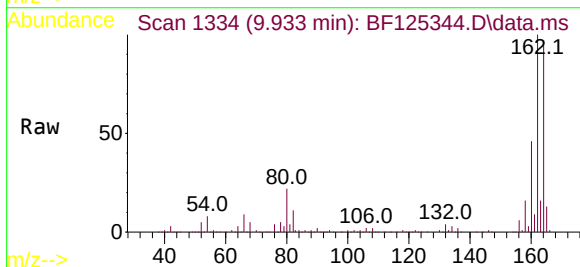


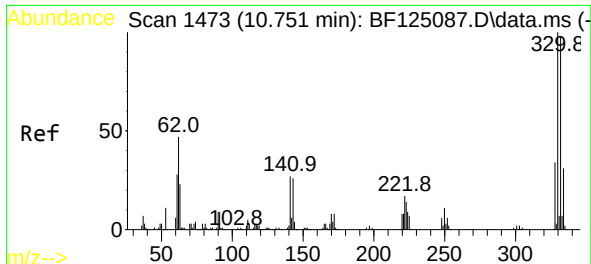
Tgt Ion: 82 Resp: 809012
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF125344.D
Acq: 3 Sep 2021 13:53

Tgt Ion: 164 Resp: 314351
Ion Ratio Lower Upper
164 100
162 103.0 81.3 121.9
160 47.4 38.0 57.0

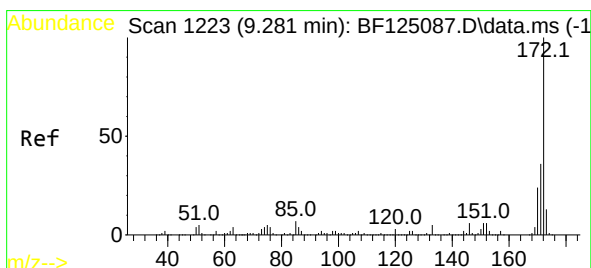
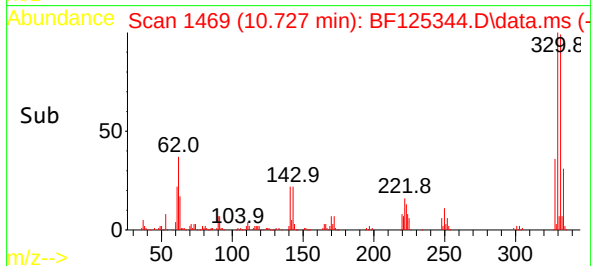
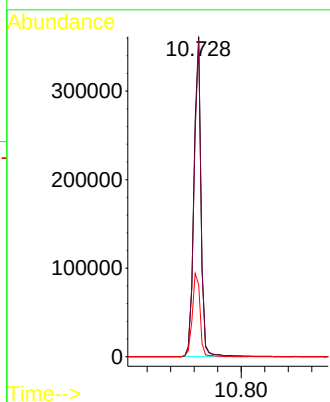
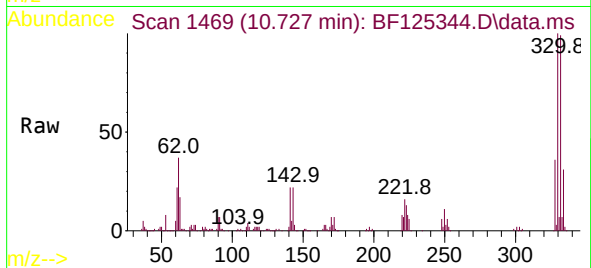




#42
2,4,6-Tribromophenol
Concen: 95.948 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF125344.D
Acq: 3 Sep 2021 13:53

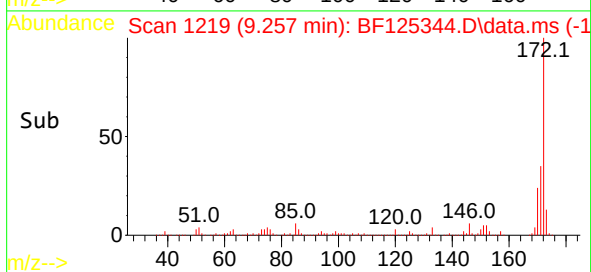
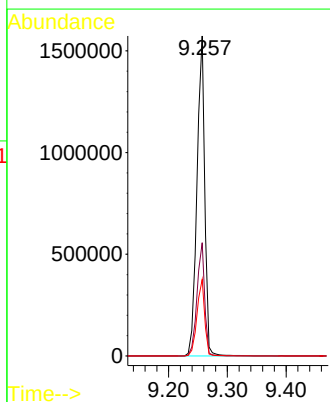
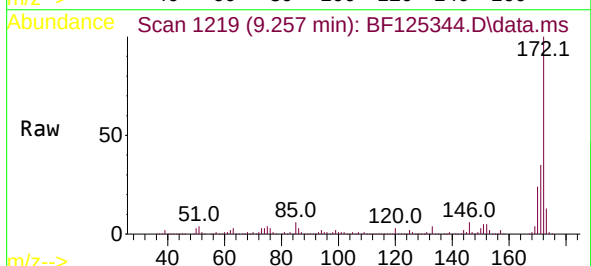
Instrument :
BNA_F
ClientSampleId :
ROADSIDE-FEEDER

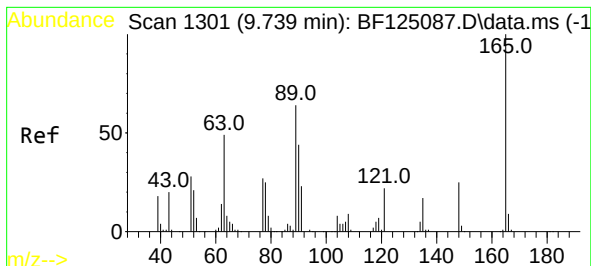
Tgt Ion:330 Resp: 301078
Ion Ratio Lower Upper
330 100
332 97.1 76.2 114.4
141 28.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 64.008 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF125344.D
Acq: 3 Sep 2021 13:53

Tgt Ion:172 Resp: 1443683
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 23.9 18.8 28.2

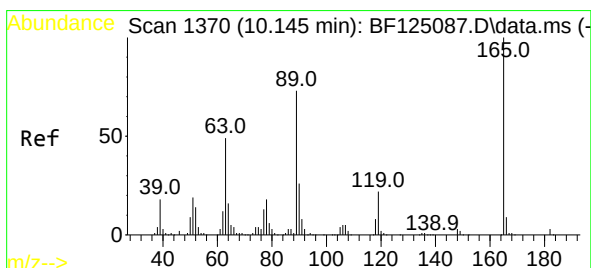
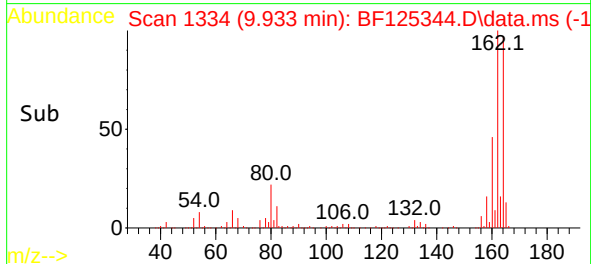
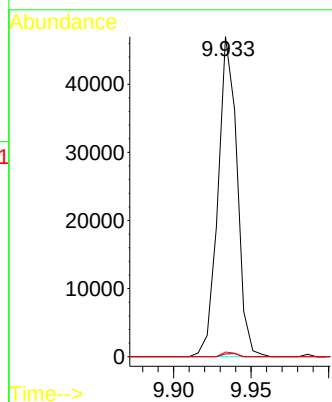
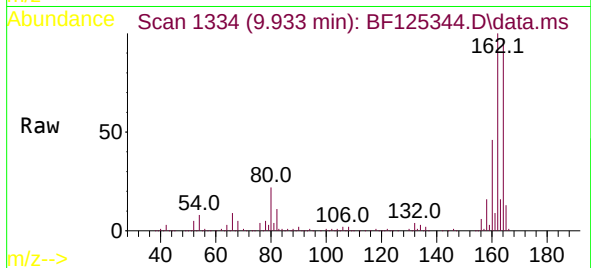




#51
2,6-Dinitrotoluene
Concen: 8.505 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF125344.D
Acq: 3 Sep 2021 13:53

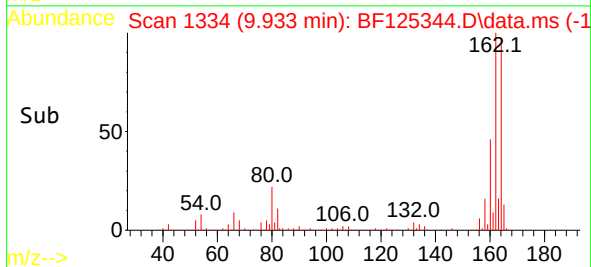
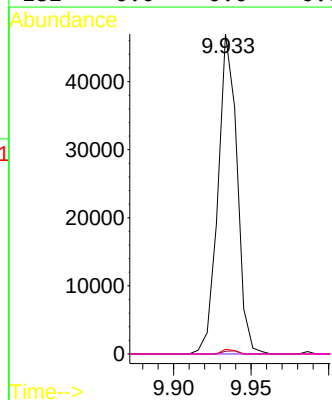
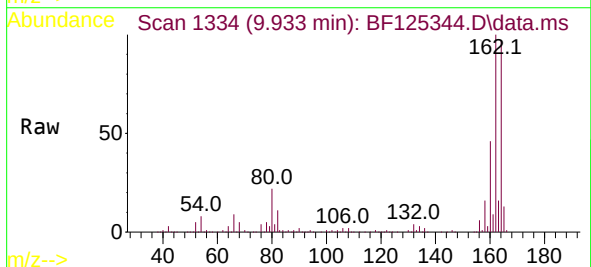
Instrument :
BNA_F
ClientSampleId :
ROADSIDE-FEEDER

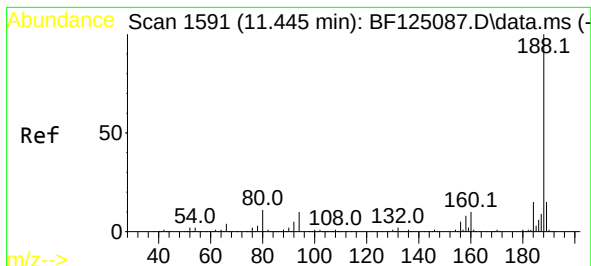
Tgt Ion:165 Resp: 40175
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 1.4 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.027 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF125344.D
Acq: 3 Sep 2021 13:53

Tgt Ion:165 Resp: 40175
Ion Ratio Lower Upper
165 100
63 0.9 40.9 61.3#
89 1.4 59.7 89.5#
182 0.0 0.0 0.0

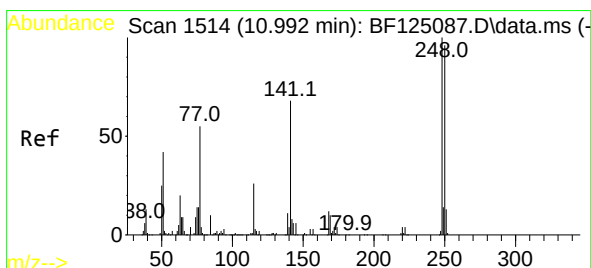
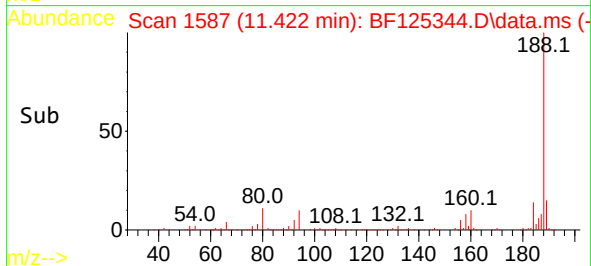
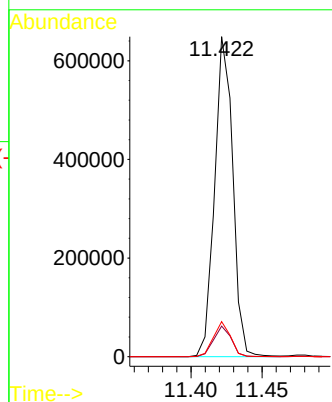
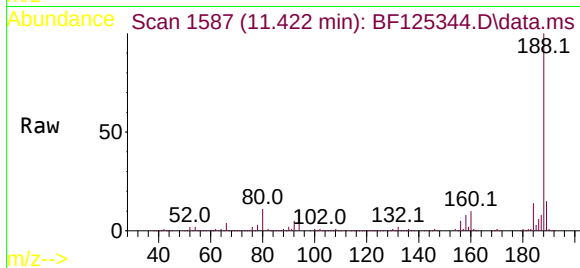




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF125344.D
Acq: 3 Sep 2021 13:53

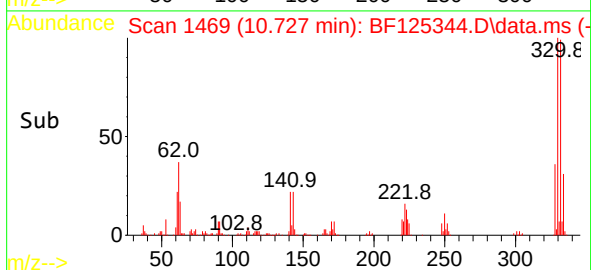
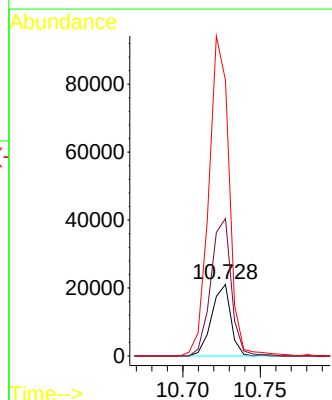
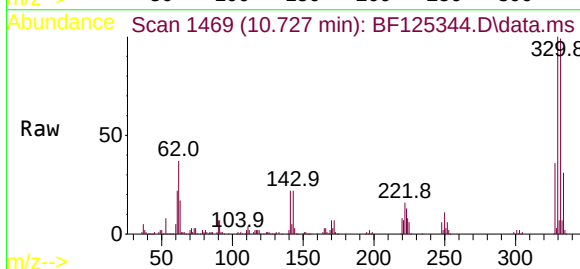
Instrument :
BNA_F
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ROADSIDE-FEEDER

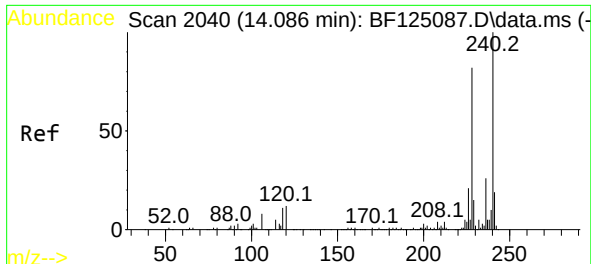
Tgt Ion:188 Resp: 577179
Ion Ratio Lower Upper
188 100
94 9.6 6.7 10.1
80 11.0 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.622 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.241 min
Lab File: BF125344.D
Acq: 3 Sep 2021 13:53

Tgt Ion:248 Resp: 18171
Ion Ratio Lower Upper
248 100
250 192.0 74.2 111.4#
141 384.9 60.4 90.6#

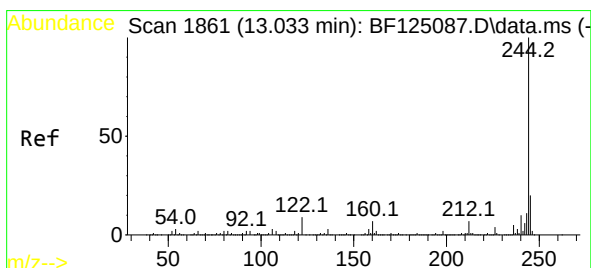
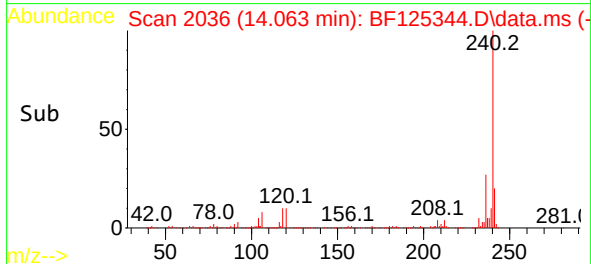
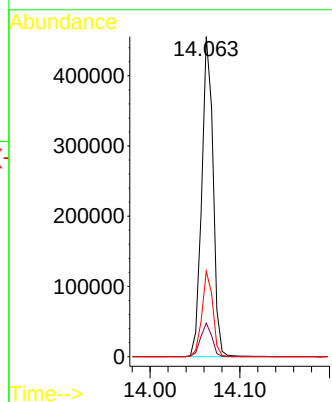
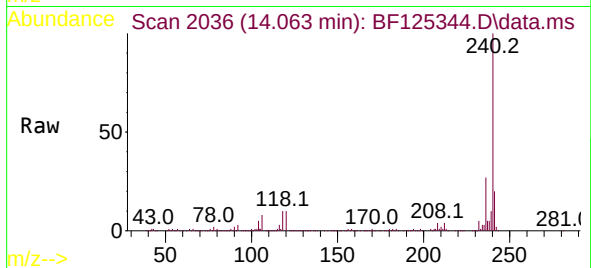




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF125344.D
Acq: 3 Sep 2021 13:53

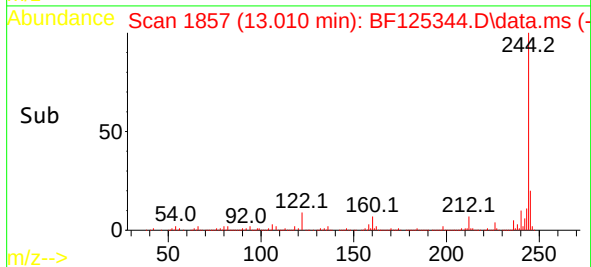
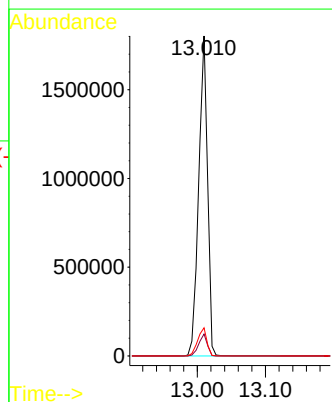
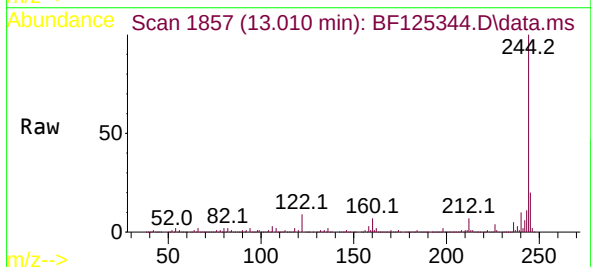
Instrument :
BNA_F
ClientSampleId :
ROADSIDE-FEEDER

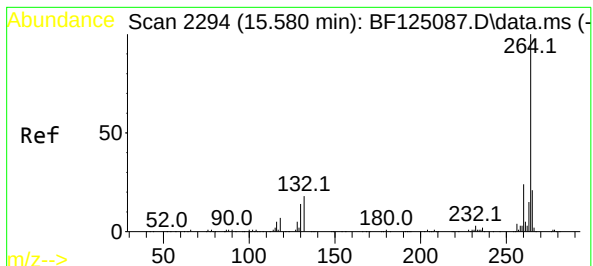
Tgt Ion:240 Resp: 398858
Ion Ratio Lower Upper
240 100
120 10.5 10.8 16.2#
236 26.7 21.6 32.4



#79
Terphenyl-d14
Concen: 64.779 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BF125344.D
Acq: 3 Sep 2021 13:53

Tgt Ion:244 Resp: 1621862
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 8.8 9.0 13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2290
Delta R.T. 0.000 min
Lab File: BF125344.D
Acq: 3 Sep 2021 13:53

Instrument :
BNA_F
ClientSampleId :
ROADSIDE-FEEDER

Tgt Ion:264 Resp: 336660
Ion Ratio Lower Upper
264 100
260 25.0 19.6 29.4
265 22.5 17.2 25.8

