

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100621\  
 Data File : BN016808.D  
 Acq On : 07 Oct 2021 11:11  
 Operator : CG/JU  
 Sample : M3915-04DL 2X  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

**Instrument :**  
 BNA\_N  
**ClientSampleId :**  
 RE137-20210921DL

Quant Time: Oct 07 11:50:44 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN100421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 06 14:22:07 2021  
 Response via : Initial Calibration

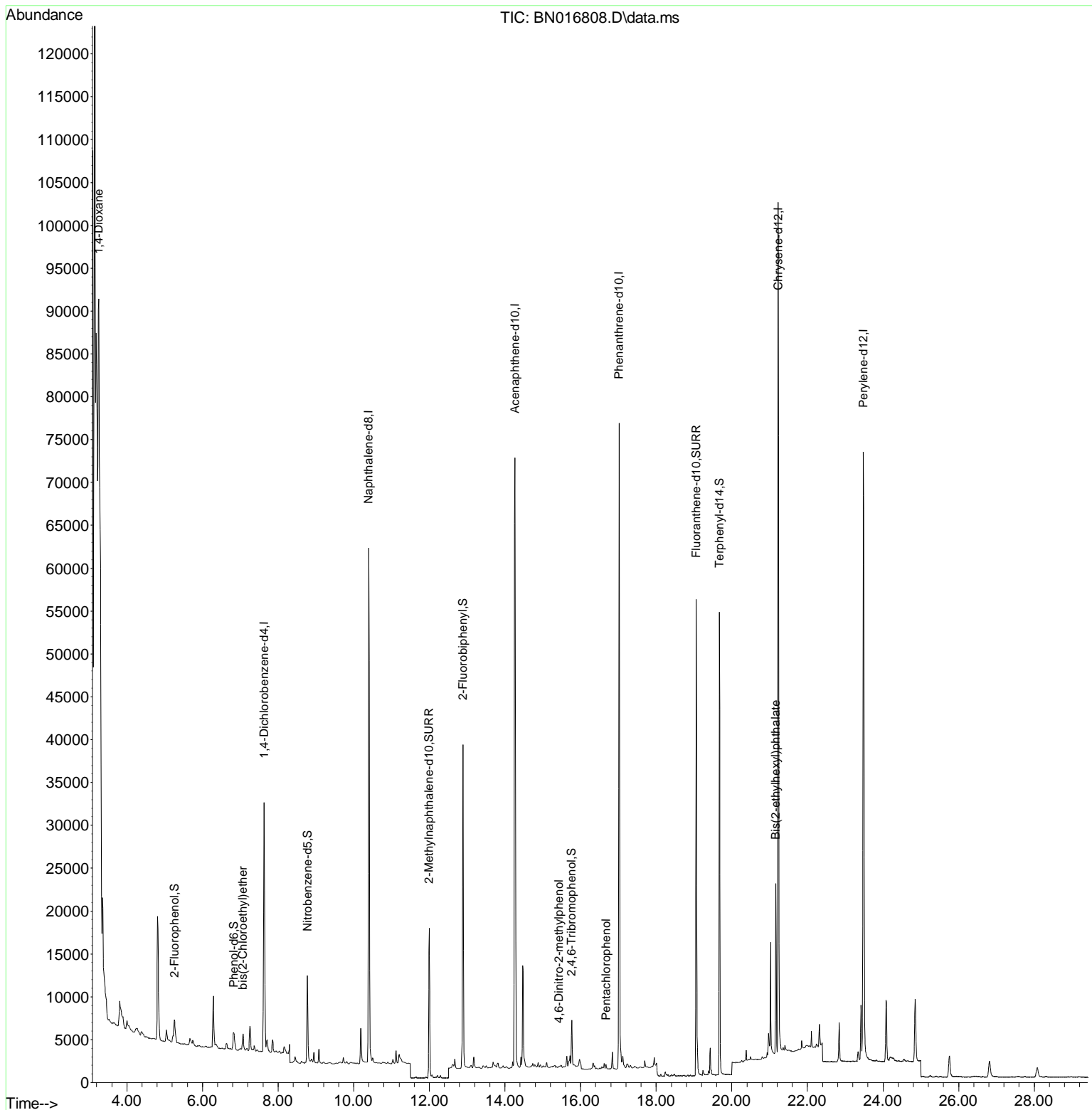
Compound	R. T.	QI on	Response	Conc	Units	Dev(Min)
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Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	17995	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	84869	0.400	ng	-0.01
13) Acenaphthene-d10	14.269	164	46960	0.400	ng	0.00
19) Phenanthrene-d10	17.018	188	96012	0.400	ng	# 0.00
29) Chrysene-d12	21.228	240	98009	0.400	ng	# 0.00
35) Perylene-d12	23.481	264	96761	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.264	112	3606	0.079	ng	0.02
5) Phenol-d6	6.822	99	2342	0.046	ng	0.00
8) Nitrobenzene-d5	8.772	82	9354	0.157	ng	0.00
11) 2-Methylnaphthalene-d10	11.994	152	24347	0.193	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	4881	0.297	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	32319	0.172	ng	0.00
27) Fluoranthene-d10	19.063	212	65198	0.248	ng	0.00
31) Terphenyl-d14	19.674	244	52609	0.240	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.253	88	21994	2.619	ng	# 70
6) bis(2-Chloroethyl)ether	7.071	93	1529	0.031	ng	98
20) 4,6-Dinitro-2-methylph...	15.423	198	48	0.272	ng	# 3
24) Pentachlorophenol	16.677	266	294	0.348	ng	95
34) Bis(2-ethylhexyl)phtha...	21.164	149	17384	0.094	ng	99
-----						

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

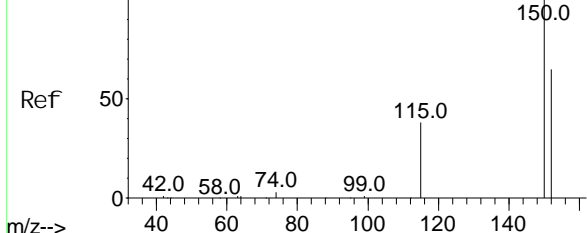
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100621\  
 Data File : BN016808.D  
 Acq On : 07 Oct 2021 11:11  
 Operator : CG/JU  
 Sample : M3915-04DL 2X  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

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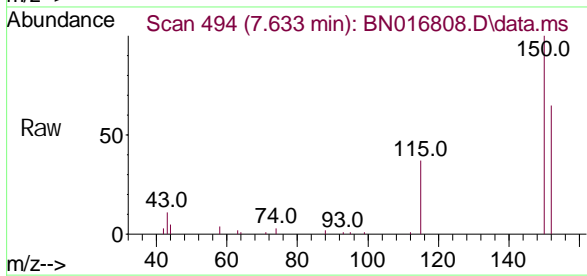


Abundance Scan 495 (7.642 min): BN016710.D\data.ms (-487#(4)



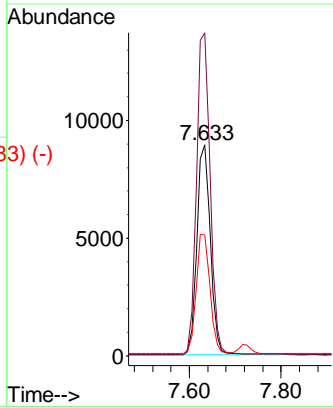
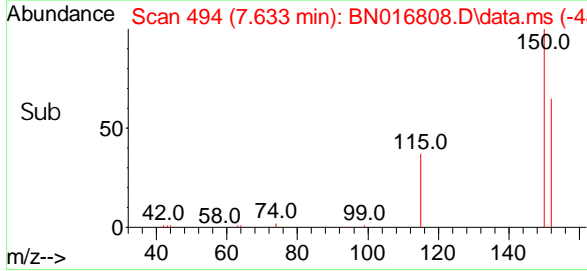
1, 4-Di chl oro benzene-d4  
Concen: 0.400 ng  
RT: 7.633 mi n Scan# 494  
Del ta R. T. 0.000 mi n  
Lab Fi le: BN016808.D  
Acq: 07 Oct 2021 11:11

Instrument :  
BNA\_N  
ClientSampleId :  
RE137-20210921DL

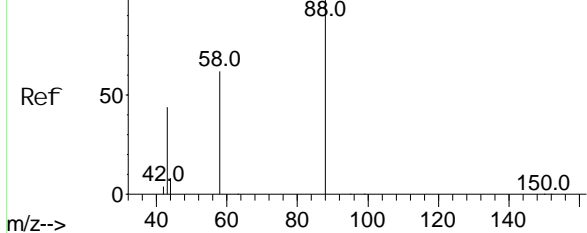


Tgt Ion: 152 Resp: 17995

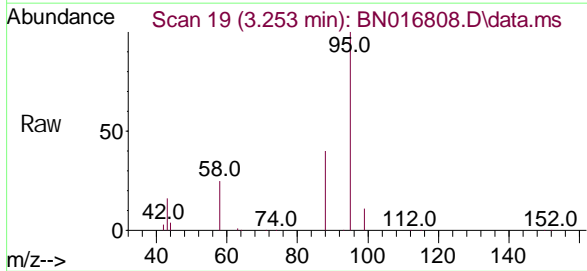
Ion	Ratio	Lower	Upper
152	100		
150	153.1	123.3	184.9
115	57.4	47.0	70.6



Abundance Scan 19 (3.253 min): BN016710.D\data.ms (-16) (-#2

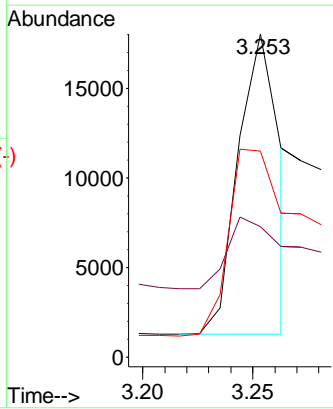
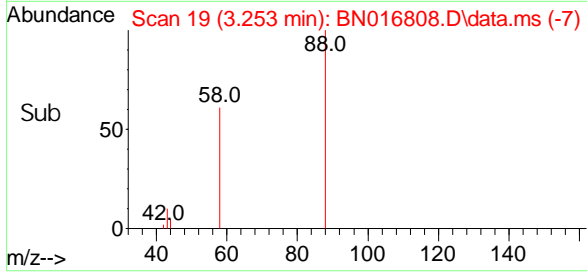


1, 4-Di oxane  
Concen: 2.619 ng  
RT: 3.253 mi n Scan# 19  
Del ta R. T. 0.009 mi n  
Lab Fi le: BN016808.D  
Acq: 07 Oct 2021 11:11



Tgt Ion: 88 Resp: 21994

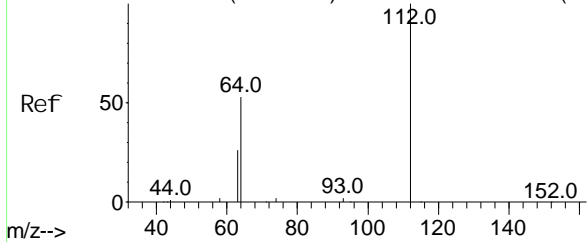
Ion	Ratio	Lower	Upper
88	100		
43	27.7	61.7	92.5#
58	75.2	62.2	93.2



Abundance Scan 236 (5.254 min): BN016710.D\data.ms (-229)#4

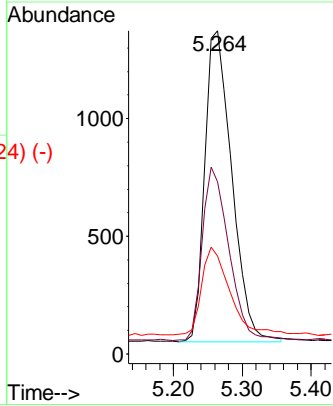
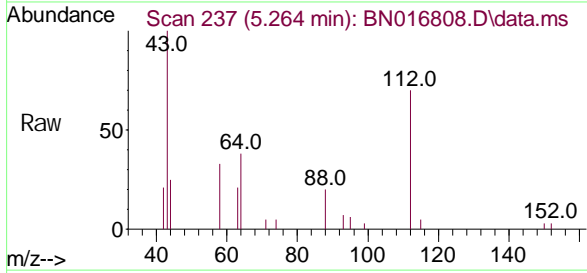
2-Fluorophenol  
Concen: 0.079 ng  
RT: 5.264 min Scan# 237  
Delta R.T. 0.019 min  
Lab File: BN016808.D  
Acq: 07 Oct 2021 11:11

**Instrument :**  
BNA\_N  
**ClientSampled :**  
RE137-20210921DL

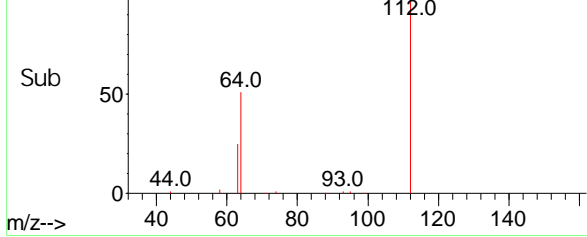


Tgt Ion: 112 Resp: 3606

Ion	Ratio	Lower	Upper
112	100		
64	54.6	42.9	64.3
63	28.9	21.5	32.3



Abundance Scan 237 (5.264 min): BN016808.D\data.ms (-224) (-)

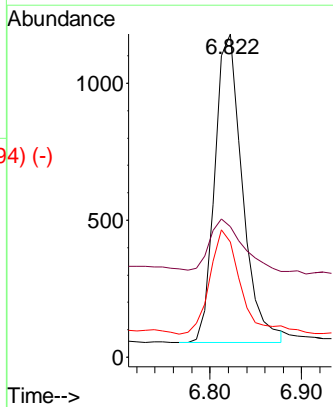
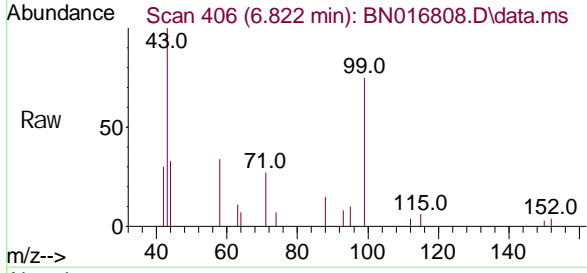
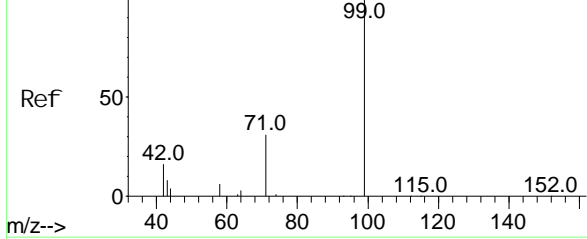


Abundance Scan 406 (6.821 min): BN016710.D\data.ms (-399)#5

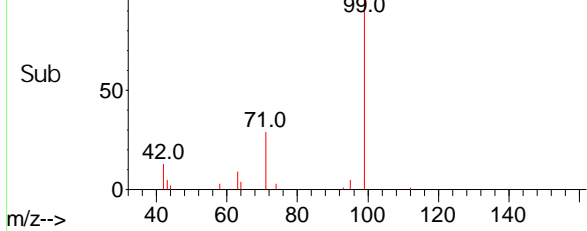
Phenol-d6  
Concen: 0.046 ng  
RT: 6.822 min Scan# 406  
Delta R.T. 0.009 min  
Lab File: BN016808.D  
Acq: 07 Oct 2021 11:11

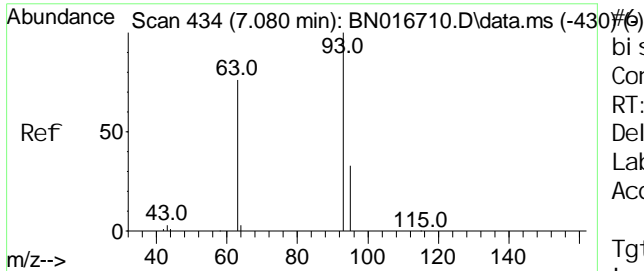
Tgt Ion: 99 Resp: 2342

Ion	Ratio	Lower	Upper
99	100		
42	19.9	13.4	20.2
71	36.3	24.0	36.0#



Abundance Scan 406 (6.822 min): BN016808.D\data.ms (-394) (-)

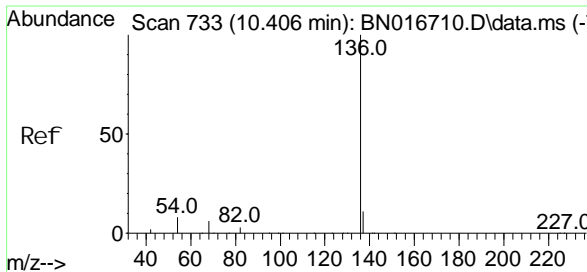
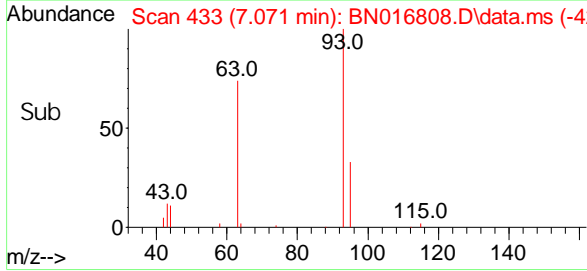
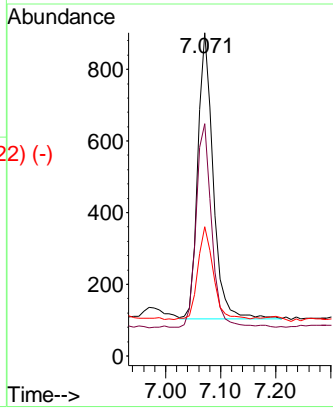
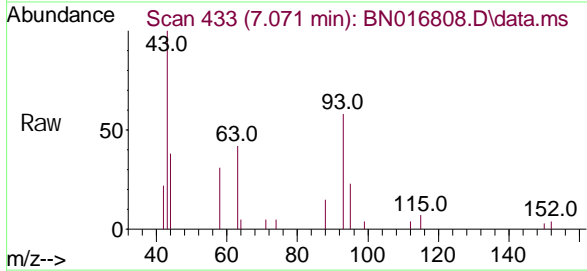




bis(2-Chloroethyl) ether  
 Concen: 0.031 ng  
 RT: 7.071 min Scan# 433  
 Delta R.T. 0.000 min  
 Lab File: BNO16808.D  
 Acq: 07 Oct 2021 11:11

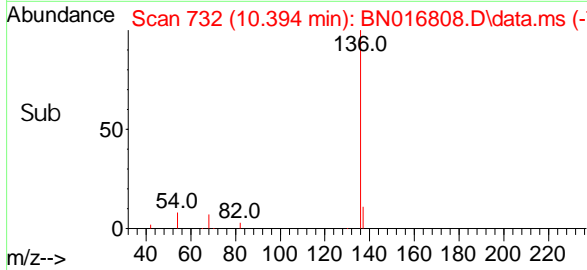
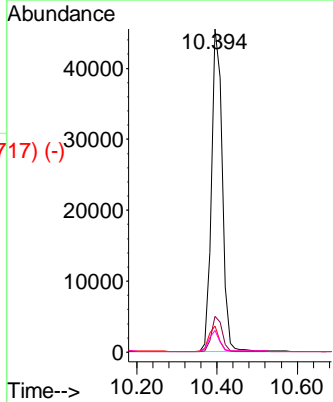
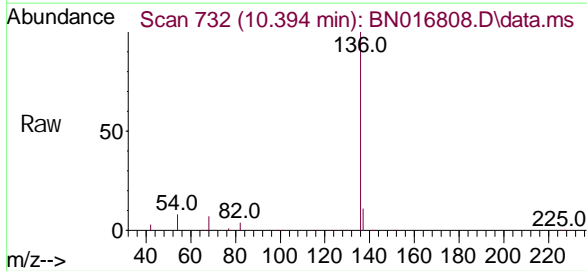
**Instrument :**  
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 RE137-20210921DL

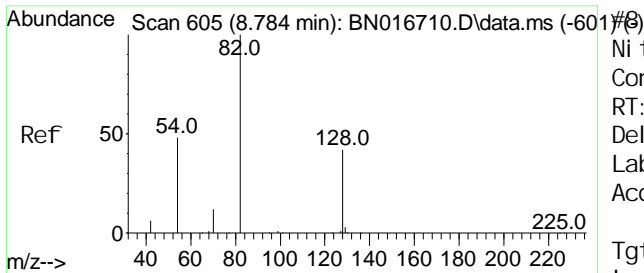
Tgt Ion	Resp	Lower	Upper
93	1529		
93	100		
63	72.1	59.0	88.6
95	33.5	26.4	39.6



Naphthalene-d8  
 Concen: 0.400 ng  
 RT: 10.394 min Scan# 732  
 Delta R.T. -0.012 min  
 Lab File: BNO16808.D  
 Acq: 07 Oct 2021 11:11

Tgt Ion	Resp	Lower	Upper
136	84869		
136	100		
137	11.0	8.9	13.3
54	8.1	6.5	9.7
68	6.8	5.3	7.9

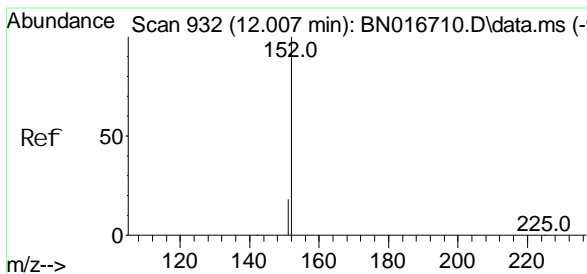
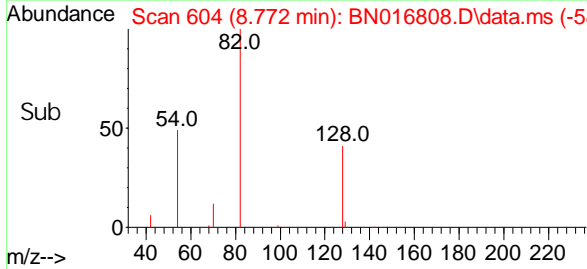
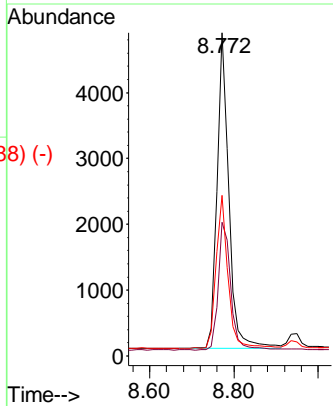
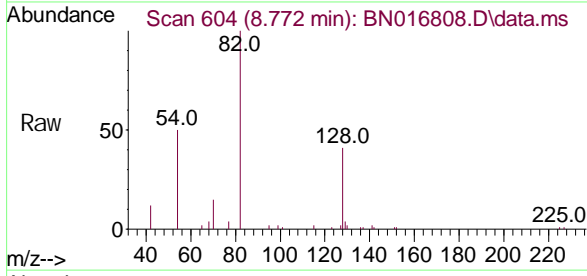




Ni trobenzene-d5  
 Concen: 0.157 ng  
 RT: 8.772 min Scan# 604  
 Delta R.T. 0.000 min  
 Lab File: BN016808.D  
 Acq: 07 Oct 2021 11:11

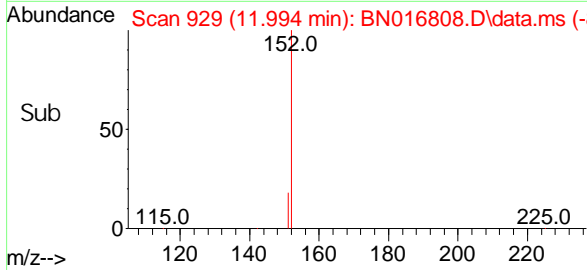
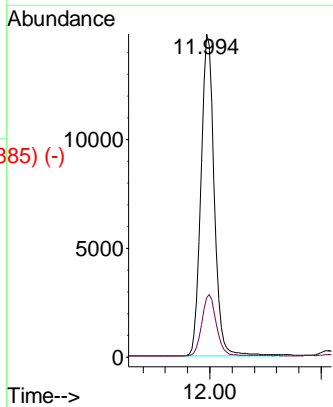
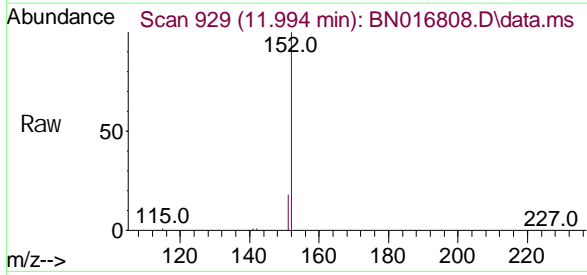
**Instrument :**  
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 RE137-20210921DL

Tgt Ion	Resp	Lower	Upper
82	9354		
128	41.4	33.8	50.6
54	49.8	38.5	57.7

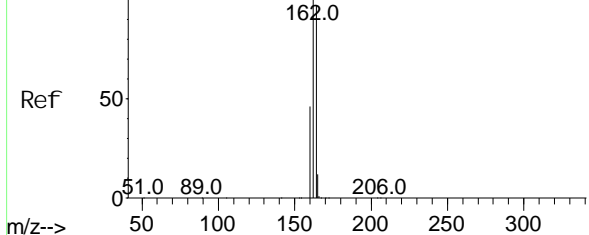


2-Methyl naphthal ene-d10  
 Concen: 0.193 ng  
 RT: 11.994 min Scan# 929  
 Delta R.T. -0.004 min  
 Lab File: BN016808.D  
 Acq: 07 Oct 2021 11:11

Tgt Ion	Resp	Lower	Upper
152	24347		
151	21.0	16.2	24.4



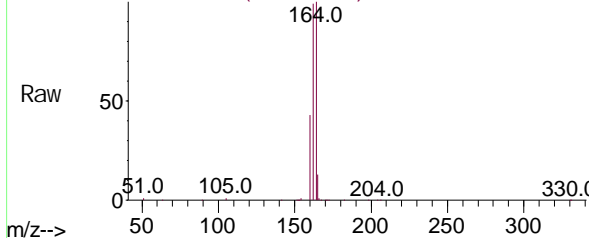
Abundance Scan 1183 (14.268 min): BN016710.D\data.ms (-1175) (-)



Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.269 min Scan# 1183  
Delta R.T. 0.000 min  
Lab File: BN016808.D  
Acq: 07 Oct 2021 11:11

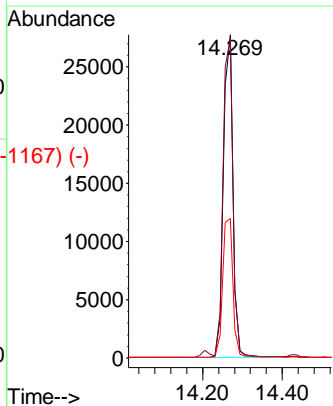
Instrument :  
BNA\_N  
ClientSampled :  
RE137-20210921DL

Abundance Scan 1183 (14.269 min): BN016808.D\data.ms

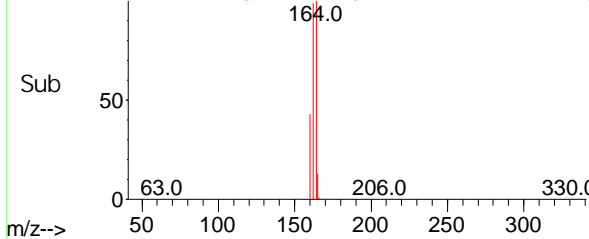


Tgt Ion: 164 Resp: 46960

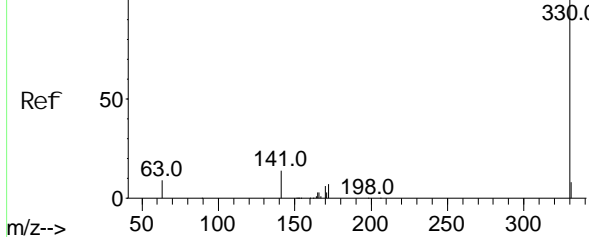
Ion	Ratio	Lower	Upper
164	100		
162	99.1	82.6	124.0
160	43.2	38.2	57.2



Abundance Scan 1183 (14.269 min): BN016808.D\data.ms (-1167) (-)

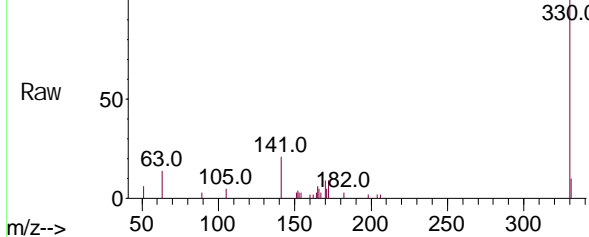


Abundance Scan 1302 (15.778 min): BN016710.D\data.ms (-1297) (-)



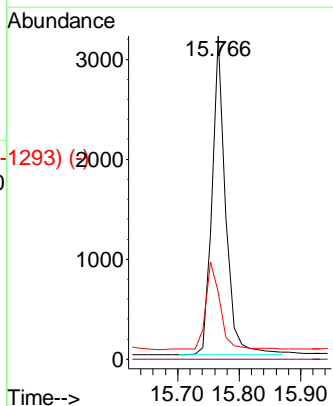
2,4,6-Tri bromophenol  
Concen: 0.297 ng  
RT: 15.766 min Scan# 1301  
Delta R.T. 0.000 min  
Lab File: BN016808.D  
Acq: 07 Oct 2021 11:11

Abundance Scan 1301 (15.766 min): BN016808.D\data.ms

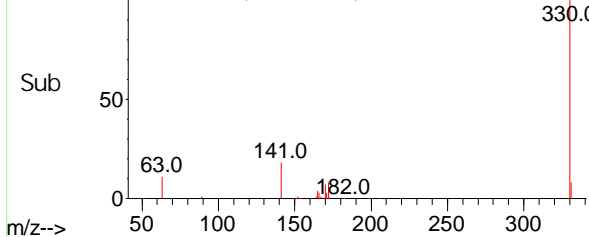


Tgt Ion: 330 Resp: 4881

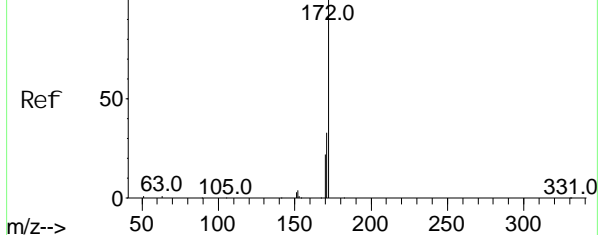
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	28.7	24.2	36.2



Abundance Scan 1301 (15.766 min): BN016808.D\data.ms (-1293) (-)



Abundance Scan 1075 (12.898 min): BN016710.D\data.ms (-1075) (-)



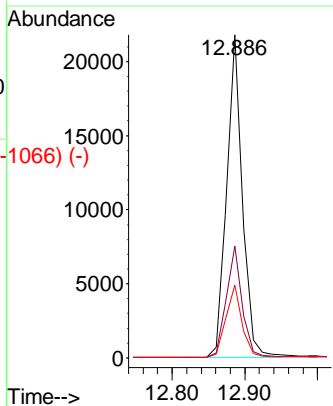
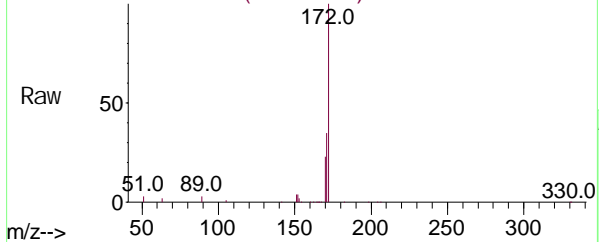
2-Fluorophenyl  
Concen: 0.172 ng  
RT: 12.886 min Scan# 1074  
Delta R.T. 0.000 min  
Lab File: BN016808.D  
Acq: 07 Oct 2021 11:11

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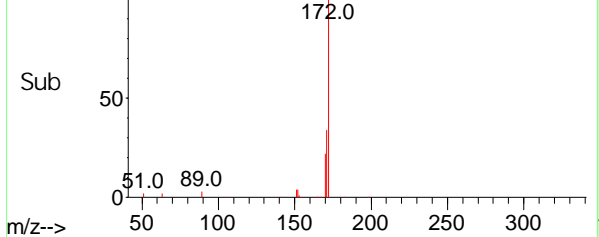
Tgt Ion: 172 Resp: 32319

Ion	Ratio	Lower	Upper
172	100		
171	34.6	26.9	40.3
170	22.6	17.4	26.0

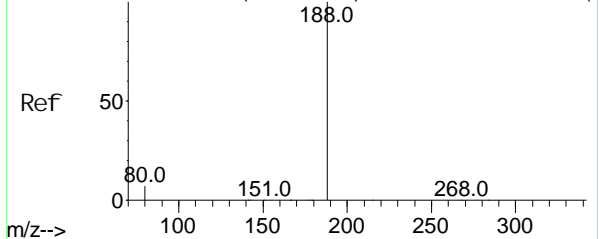
Abundance Scan 1074 (12.886 min): BN016808.D\data.ms



Abundance Scan 1074 (12.886 min): BN016808.D\data.ms (-1066) (-)



Abundance Scan 1404 (17.029 min): BN016710.D\data.ms (-1404) (-)

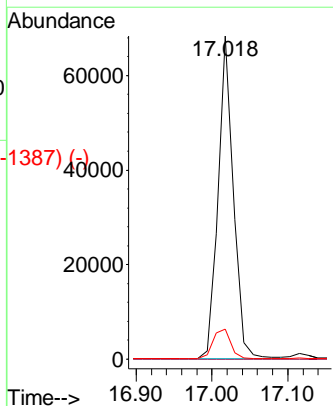
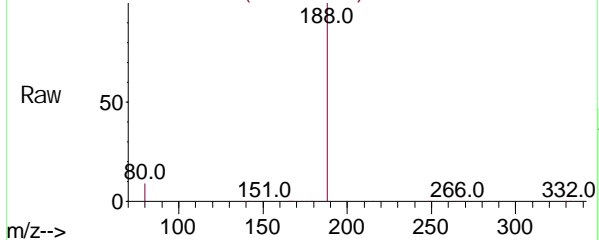


Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.018 min Scan# 1403  
Delta R.T. 0.000 min  
Lab File: BN016808.D  
Acq: 07 Oct 2021 11:11

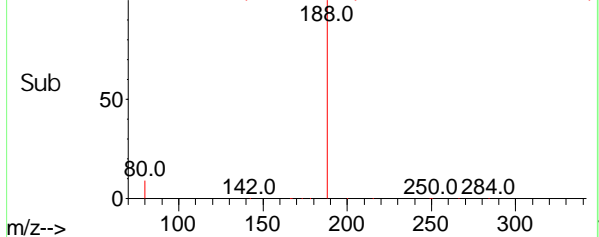
Tgt Ion: 188 Resp: 96012

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.3	5.8	8.8#

Abundance Scan 1403 (17.018 min): BN016808.D\data.ms

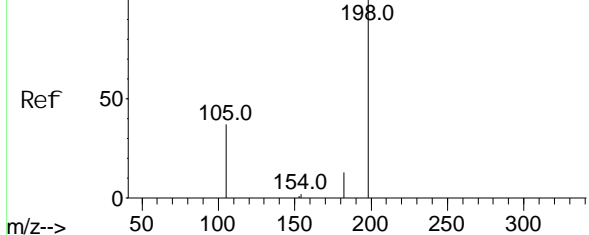


Abundance Scan 1403 (17.018 min): BN016808.D\data.ms (-1387) (-)





Abundance Scan 1274 (15.423 min): BN016710.D\data.ms (-1265) (-)



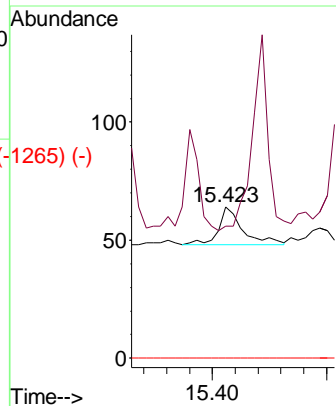
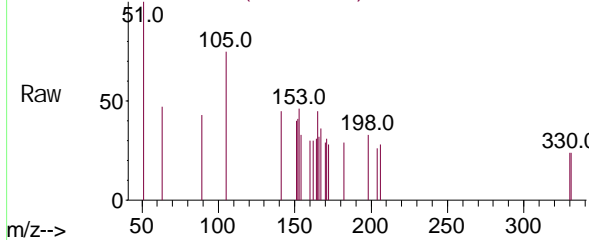
4,6-Di ni tro-2-methyl phenol  
Concen: 0.272 ng  
RT: 15.423 min Scan# 1274  
Del ta R. T. 0.013 mi n  
Lab Fi le: BN016808.D  
Acq: 07 Oct 2021 11:11

Instrument :  
BNA\_N  
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RE137-20210921DL

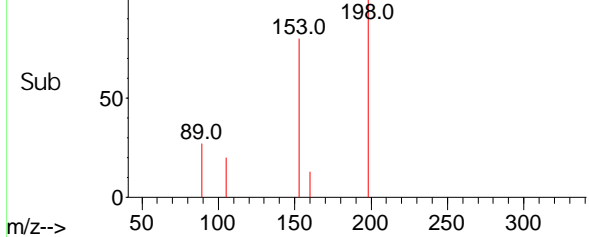
Tgt Ion: 198 Resp: 48

Ion	Ratio	Lower	Upper
198	100		
182	87.5	26.2	39.2#
77	0.0	0.0	0.0

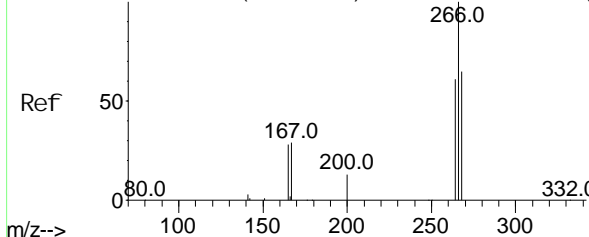
Abundance Scan 1274 (15.423 min): BN016808.D\data.ms



Abundance Scan 1274 (15.423 min): BN016808.D\data.ms (-1265) (-)



Abundance Scan 1376 (16.689 min): BN016710.D\data.ms (-1369) (-)

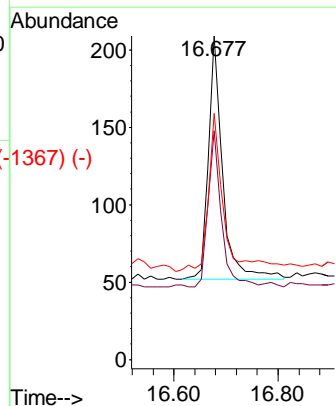
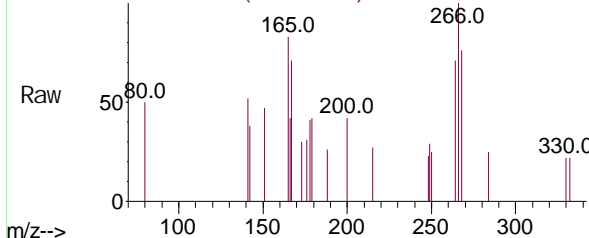


Pentachl orophenol  
Concen: 0.348 ng  
RT: 16.677 min Scan# 1375  
Del ta R. T. 0.000 mi n  
Lab Fi le: BN016808.D  
Acq: 07 Oct 2021 11:11

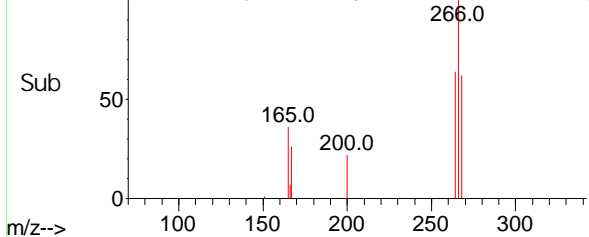
Tgt Ion: 266 Resp: 294

Ion	Ratio	Lower	Upper
266	100		
264	59.9	49.3	73.9
268	71.4	51.8	77.8

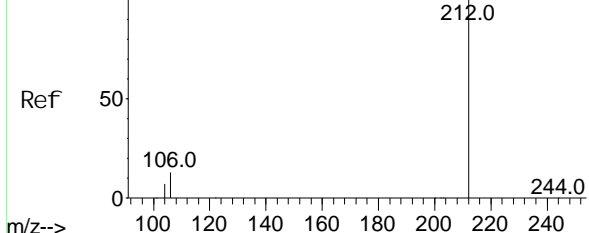
Abundance Scan 1375 (16.677 min): BN016808.D\data.ms



Abundance Scan 1375 (16.677 min): BN016808.D\data.ms (-1367) (-)



Abundance Scan 1697 (19.068 min): BN016710.D\data.ms (-1697) (-)

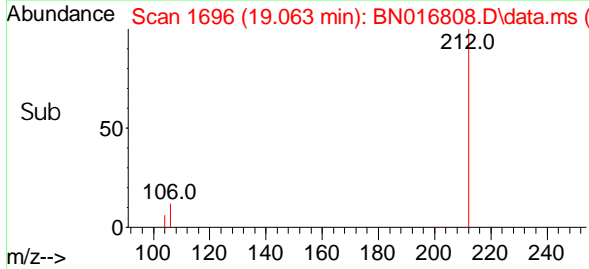
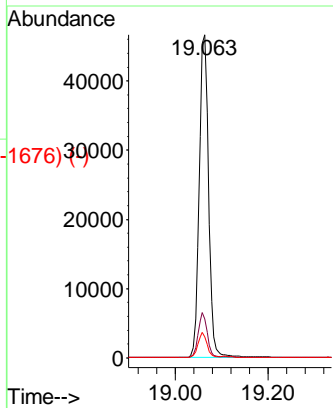
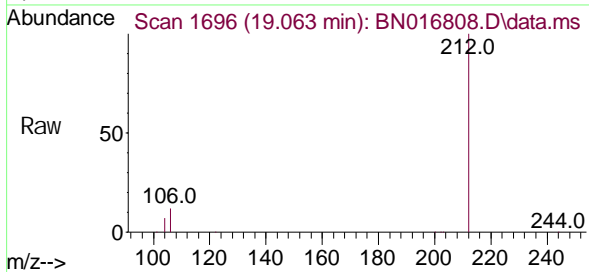


Fluoranthene-d10  
Concen: 0.248 ng  
RT: 19.063 min Scan# 1696  
Delta R.T. 0.000 min  
Lab File: BN016808.D  
Acq: 07 Oct 2021 11:11

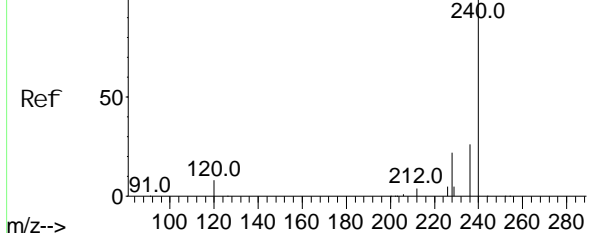
Instrument :  
BNA\_N  
ClientSampled :  
RE137-20210921DL

Tgt Ion: 212 Resp: 65198

Ion	Ratio	Lower	Upper
212	100		
106	13.3	10.6	16.0
104	7.2	5.8	8.8



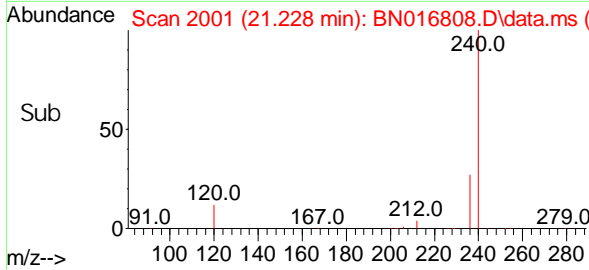
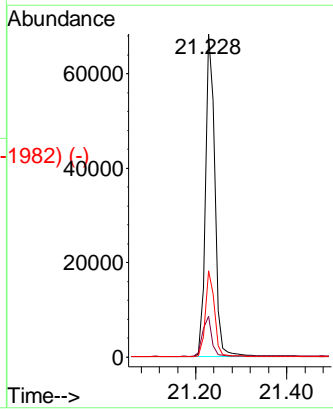
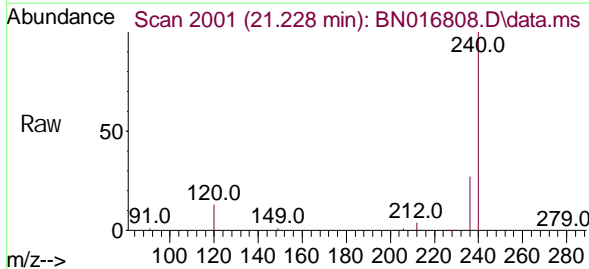
Abundance Scan 2002 (21.238 min): BN016710.D\data.ms (-1995) (-)



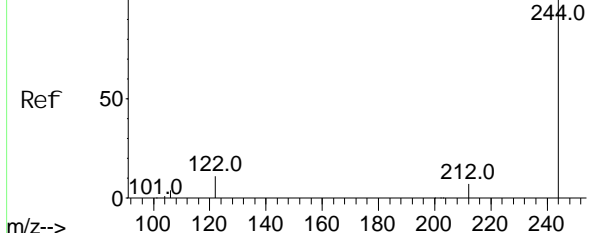
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.228 min Scan# 2001  
Delta R.T. 0.000 min  
Lab File: BN016808.D  
Acq: 07 Oct 2021 11:11

Tgt Ion: 240 Resp: 98009

Ion	Ratio	Lower	Upper
240	100		
120	12.6	6.6	10.0#
236	26.6	20.7	31.1

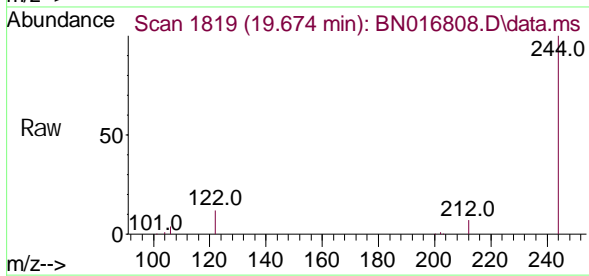


Abundance Scan 1821 (19.683 min): BN016710.D\data.ms (-1811) (-)



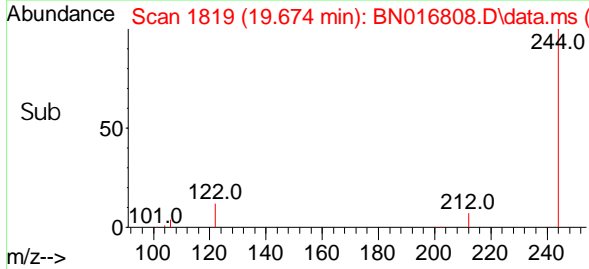
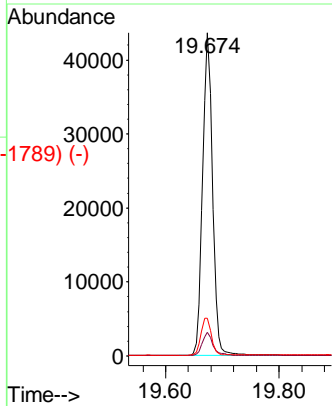
Terphenyl -d14  
Concen: 0.240 ng  
RT: 19.674 min Scan# 1819  
Delta R.T. 0.000 min  
Lab File: BN016808.D  
Acq: 07 Oct 2021 11:11

Instrument :  
BNA\_N  
ClientSampleId :  
RE137-20210921DL

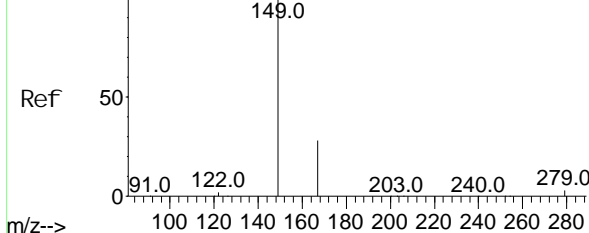


Tgt Ion: 244 Resp: 52609

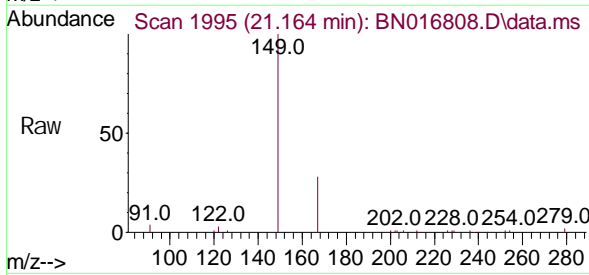
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	11.8	8.9	13.3



Abundance Scan 1996 (21.174 min): BN016710.D\data.ms (-1931) (-)

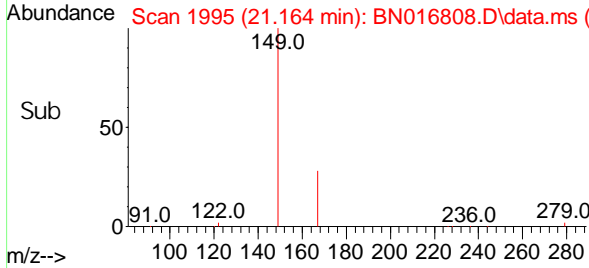
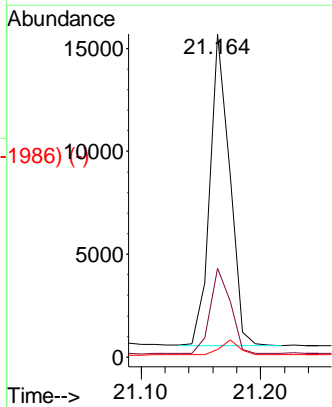


Bis(2-ethyl hexyl)phthalate  
Concen: 0.094 ng  
RT: 21.164 min Scan# 1995  
Delta R.T. 0.000 min  
Lab File: BN016808.D  
Acq: 07 Oct 2021 11:11

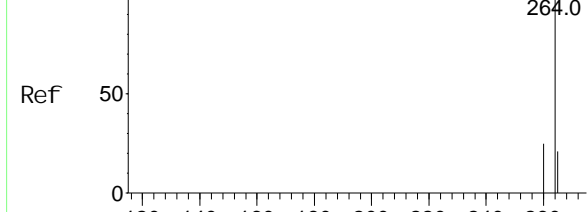


Tgt Ion: 149 Resp: 17384

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.2	33.4
279	4.7	3.4	5.2



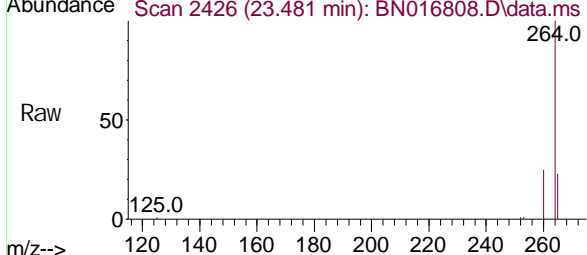
Abundance Scan 2430 (23.494 min): BN016710.D\data.ms (-2430) (-)



Perylene-d12  
Concen: 0.400 ng  
RT: 23.481 min Scan# 2426  
Delta R.T. 0.000 min  
Lab File: BN016808.D  
Acq: 07 Oct 2021 11:11

**Instrument :**  
BNA\_N  
**ClientSampled :**  
RE137-20210921DL

Abundance Scan 2426 (23.481 min): BN016808.D\data.ms



Tgt Ion: 264 Resp: 96761

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.6
265	23.4	20.3	30.5

Abundance Scan 2426 (23.481 min): BN016808.D\data.ms (-2382) (-)

