Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
Data File : BN016749.D
Acq On : 05 Oct 2021 18:12
Operator : CG/JU
Sample : M4040-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SW-RR-50

Quant Time: Oct 06 00:58:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 04 17:52:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	24220	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	110334	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	59693	0.400	ng	0.00
19) Phenanthrene-d10	17.017	188	114589	0.400	ng	#-0.01
29) Chrysene-d12	21.238	240	114349	0.400	ng	0.00
35) Perylene-d12	23.488	264	120939	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	7376	0.119	ng	0.02
5) Phenol-d6	6.831	99	4925	0.072	ng	0.00
8) Nitrobenzene-d5	8.784	82	20187	0.261	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	50212	0.306	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	9828	0.403	ng	-0.01
15) 2-Fluorobiphenyl	12.898	172	63960	0.268	ng	0.00
27) Fluoranthene-d10	19.068	212	121427	0.387	ng	0.00
31) Terphenyl-d14	19.678	244	93778	0.367	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.253	88	261	0.023	ng	# 63
9) Naphthalene	10.457	128	143890	0.477	ng	100
24) Pentachlorophenol	16.677	266	176	0.343	ng	# 85
34) Bis(2-ethylhexyl)phtha...	21.174	149	42499	0.198	ng	100

(#) = 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 Oct 04 17:52:33 2021
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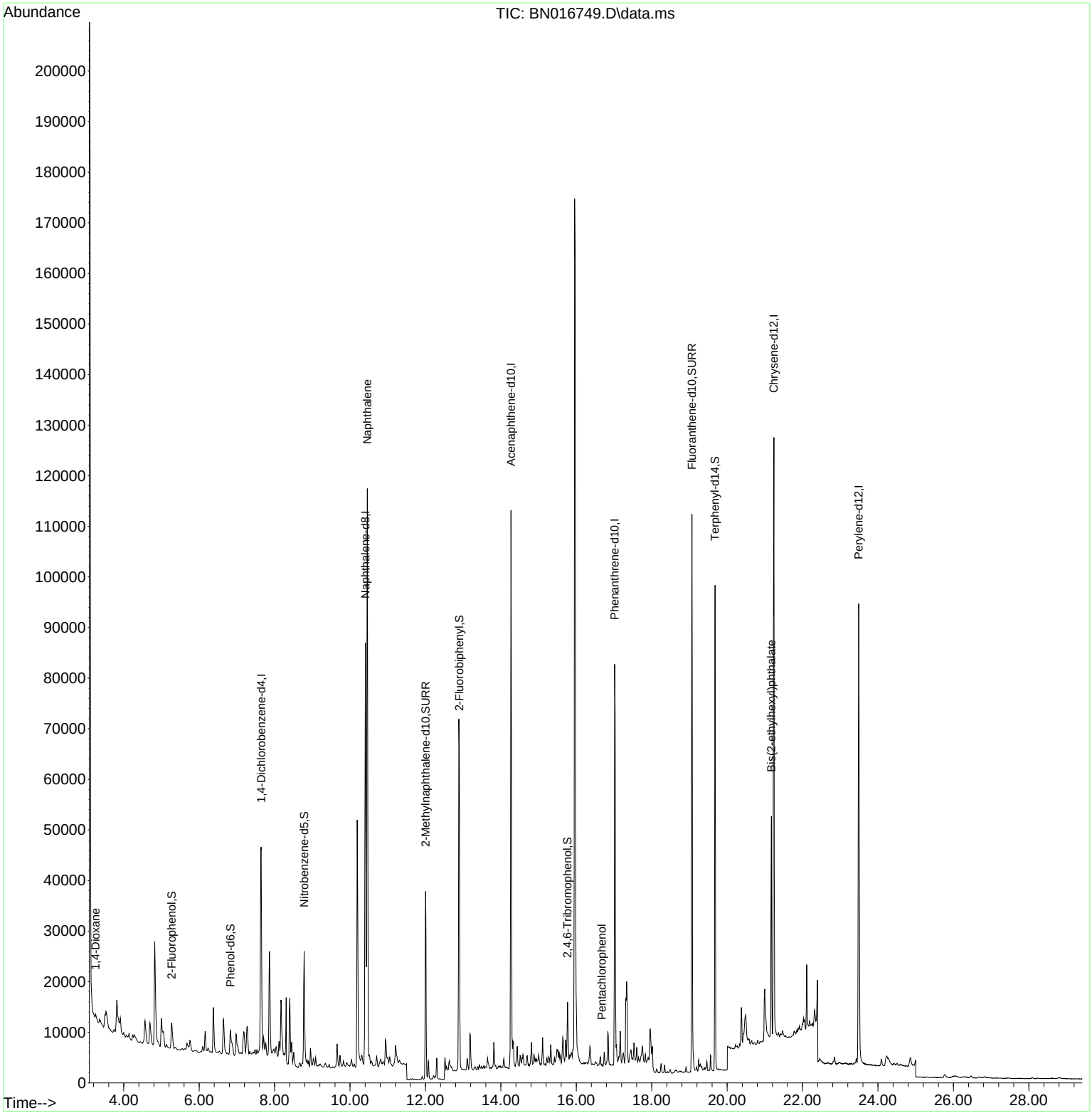
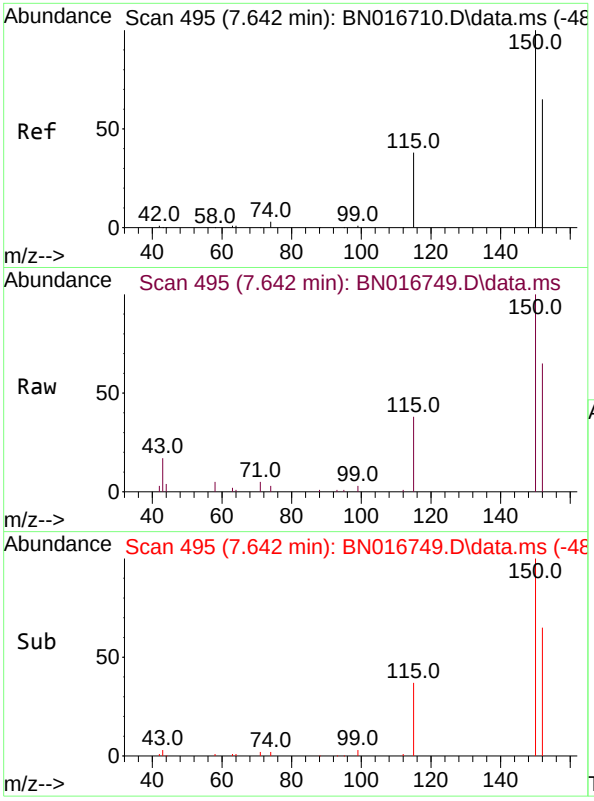
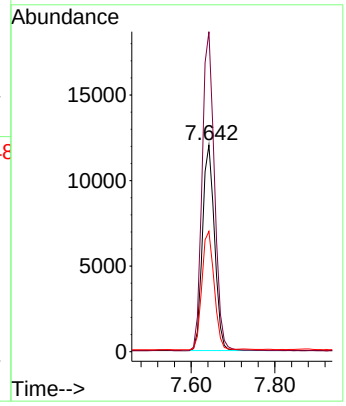




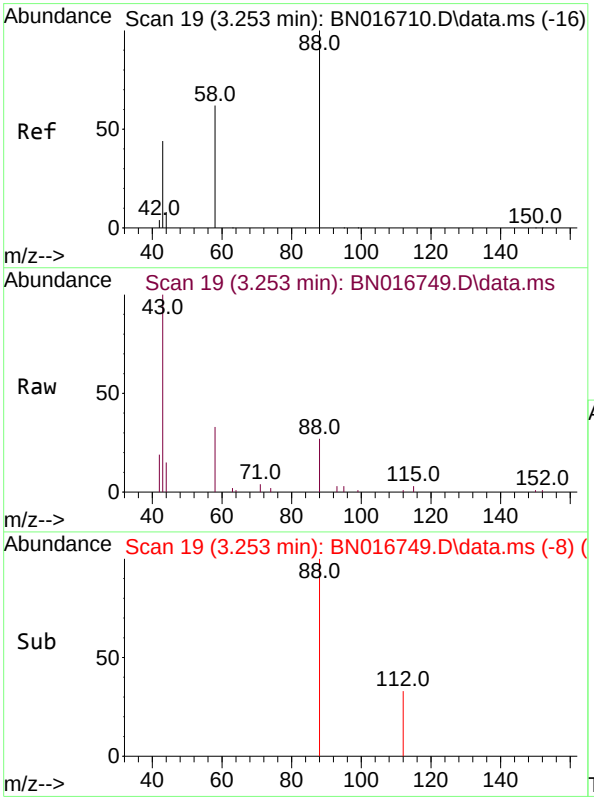
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016749.D
Acq: 05 Oct 2021 18:12

Tgt Ion:152 Resp: 24220

Ion	Ratio	Lower	Upper
152	100		
150	154.9	123.3	184.9
115	58.2	47.0	70.6



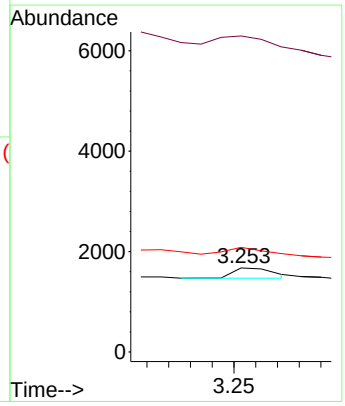
Instrument :
BNA_N
ClientSampleId :
SW-RR-50



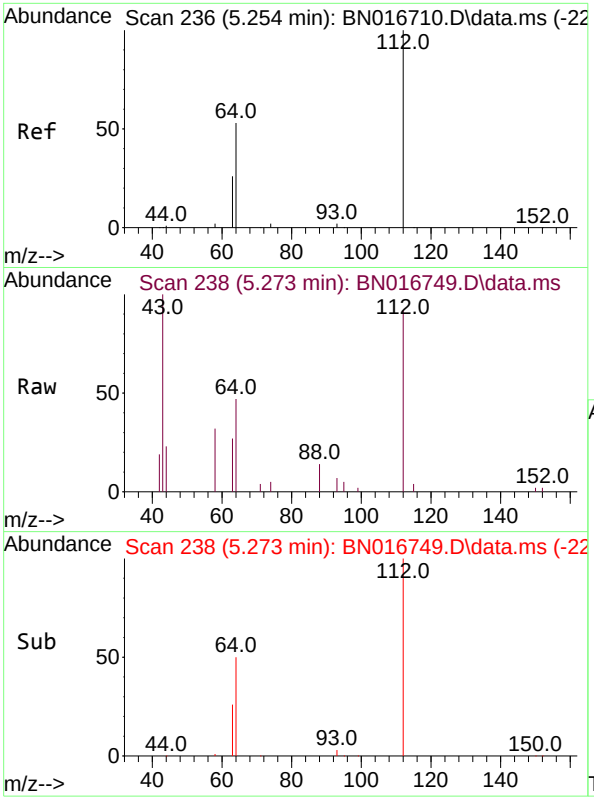
#2
1,4-Dioxane
Concen: 0.023 ng
RT: 3.253 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN016749.D
Acq: 05 Oct 2021 18:12

Tgt Ion: 88 Resp: 261

Ion	Ratio	Lower	Upper
88	100		
43	117.6	61.7	92.5#
58	54.4	62.2	93.2#



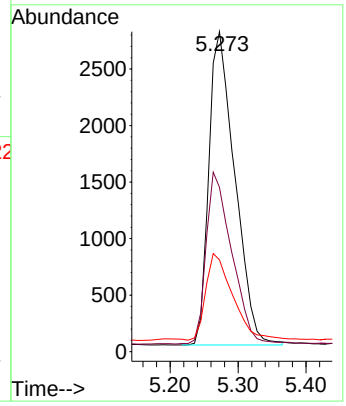
Instrument :
BNA_N
ClientSampleId :
SW-RR-50

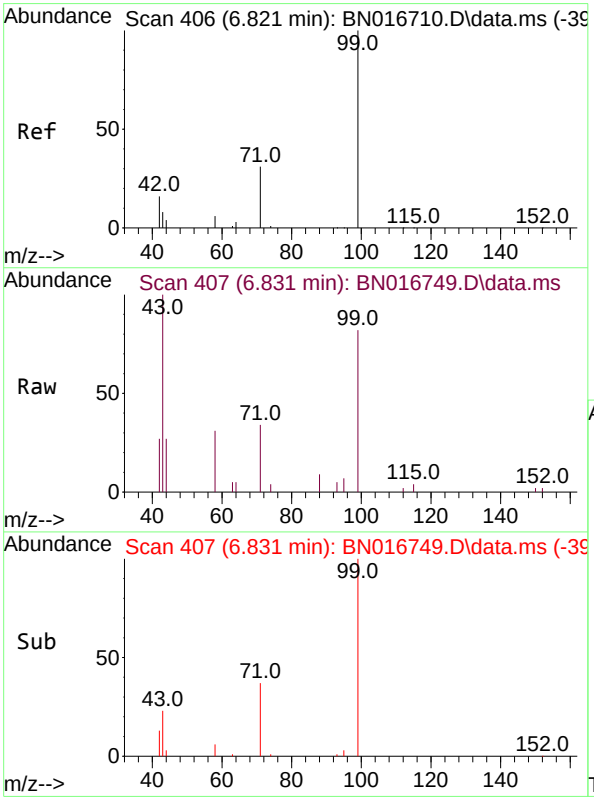


#4
2-Fluorophenol
Concen: 0.119 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016749.D
Acq: 05 Oct 2021 18:12

Tgt Ion:112 Resp: 7376

Ion	Ratio	Lower	Upper
112	100		
64	54.0	42.9	64.3
63	28.6	21.5	32.3

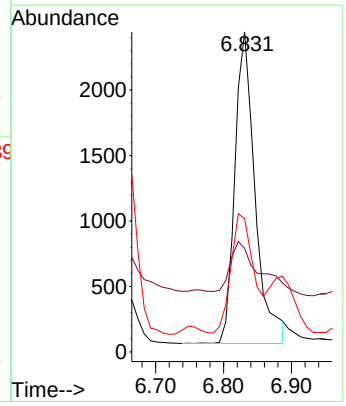




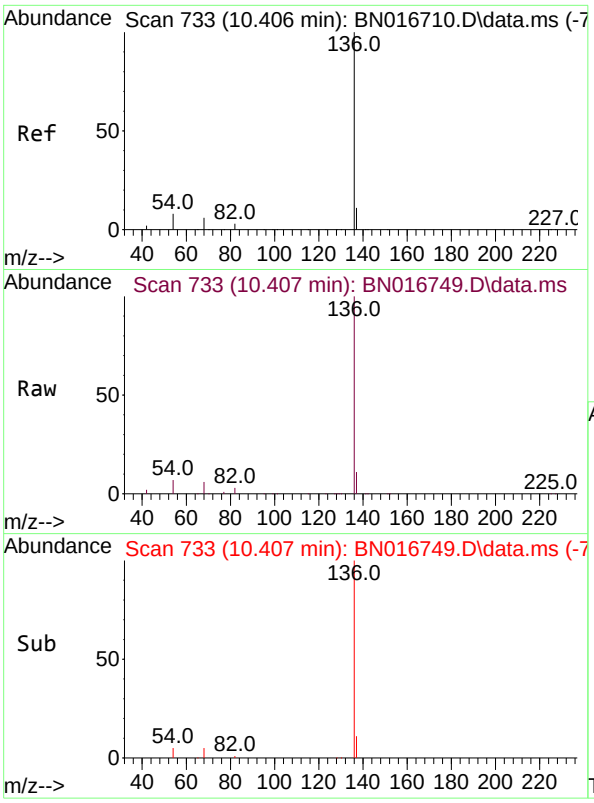
#5
Phenol-d6
Concen: 0.072 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN016749.D
Acq: 05 Oct 2021 18:12

Tgt Ion: 99 Resp: 4925

Ion	Ratio	Lower	Upper
99	100		
42	21.0	13.4	20.2#
71	43.3	24.0	36.0#



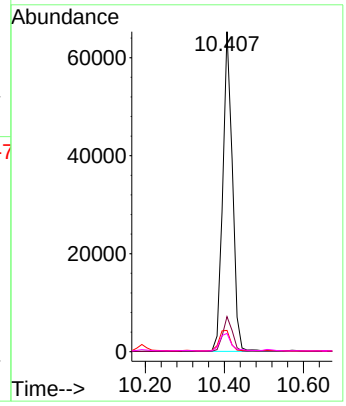
Instrument :
BNA_N
ClientSampleId :
SW-RR-50

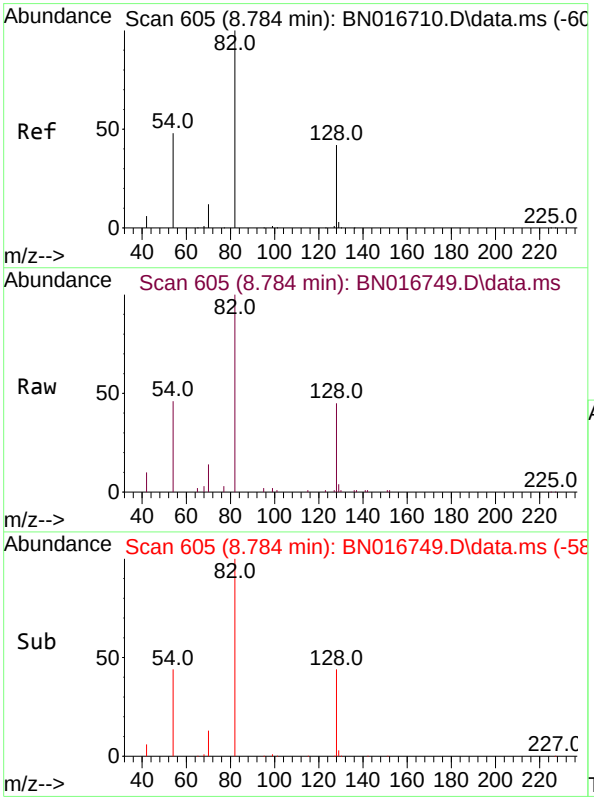


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016749.D
Acq: 05 Oct 2021 18:12

Tgt Ion:136 Resp: 110334

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.6	6.5	9.7
68	5.7	5.3	7.9

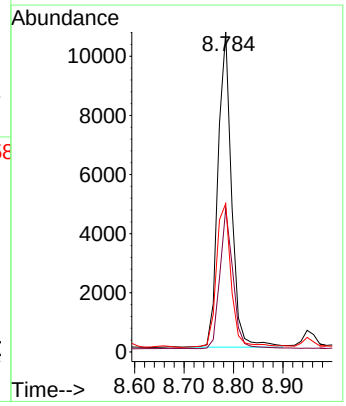




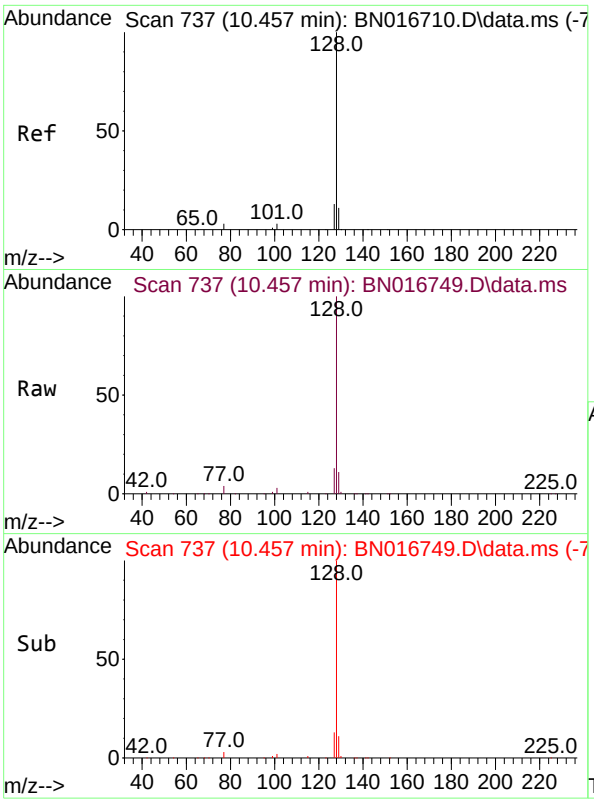
#8
Nitrobenzene-d5
Concen: 0.261 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016749.D
Acq: 05 Oct 2021 18:12

Tgt Ion: 82 Resp: 20187

Ion	Ratio	Lower	Upper
82	100		
128	44.8	33.8	50.6
54	46.4	38.5	57.7



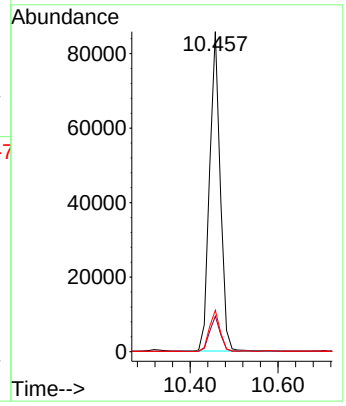
Instrument :
BNA_N
ClientSampleId :
SW-RR-50

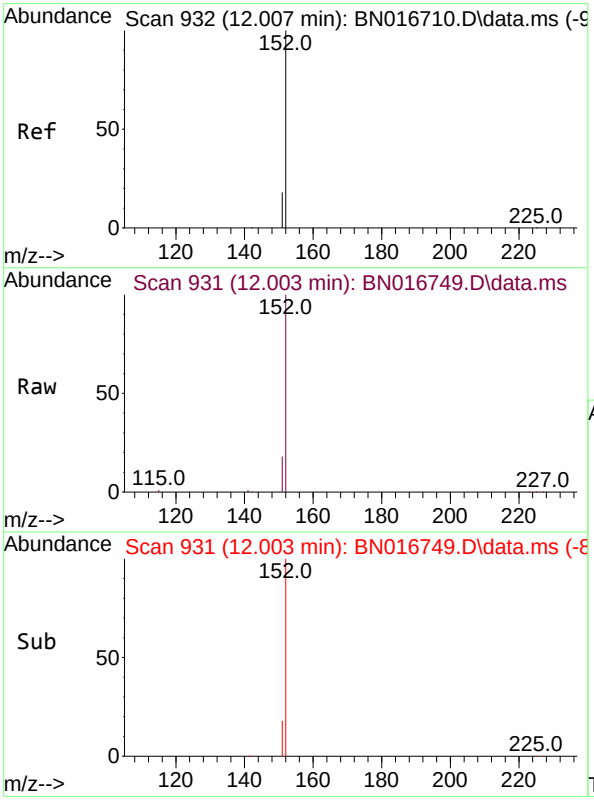


#9
Naphthalene
Concen: 0.477 ng
RT: 10.457 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016749.D
Acq: 05 Oct 2021 18:12

Tgt Ion:128 Resp: 143890

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	13.0	10.3	15.5

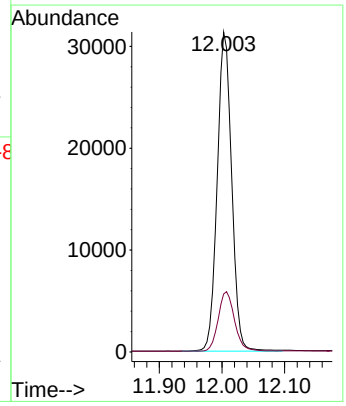




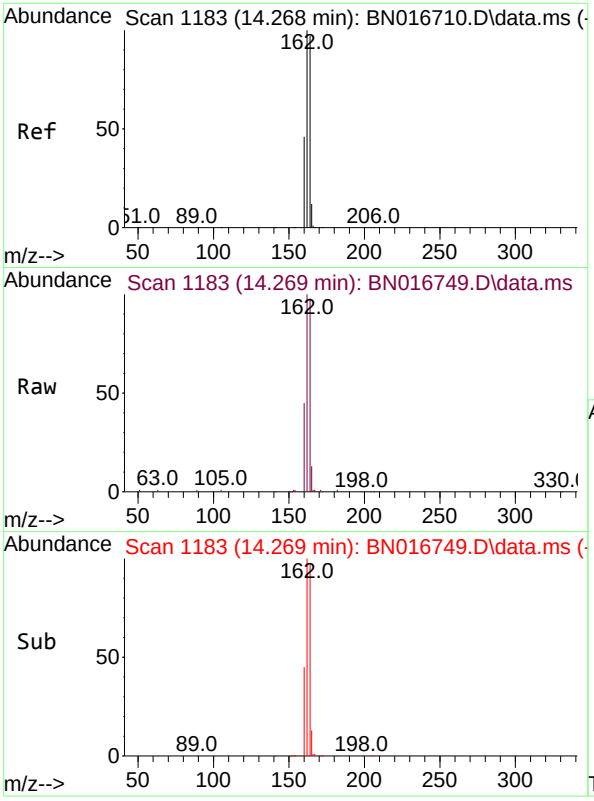
#11
2-Methylnaphthalene-d10
Concen: 0.306 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016749.D
Acq: 05 Oct 2021 18:12

Tgt Ion:152 Resp: 50212

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.2	24.4



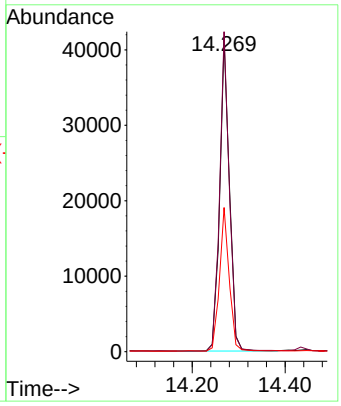
Instrument :
BNA_N
ClientSampleId :
SW-RR-50

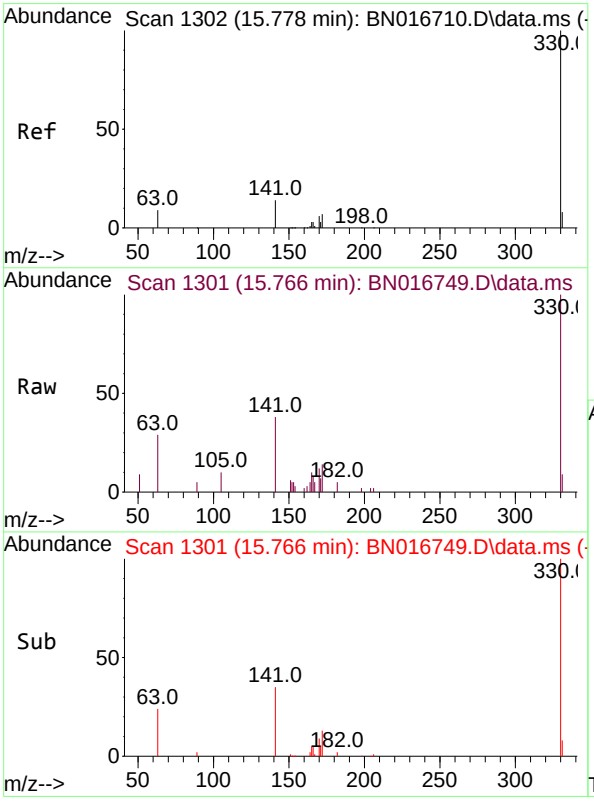


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016749.D
Acq: 05 Oct 2021 18:12

Tgt Ion:164 Resp: 59693

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.6	124.0
160	46.2	38.2	57.2

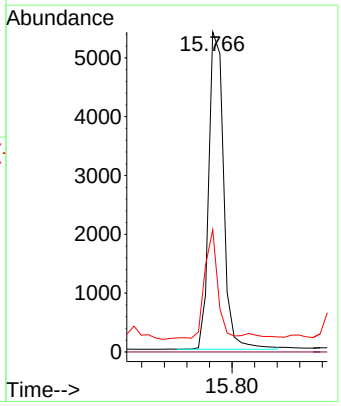




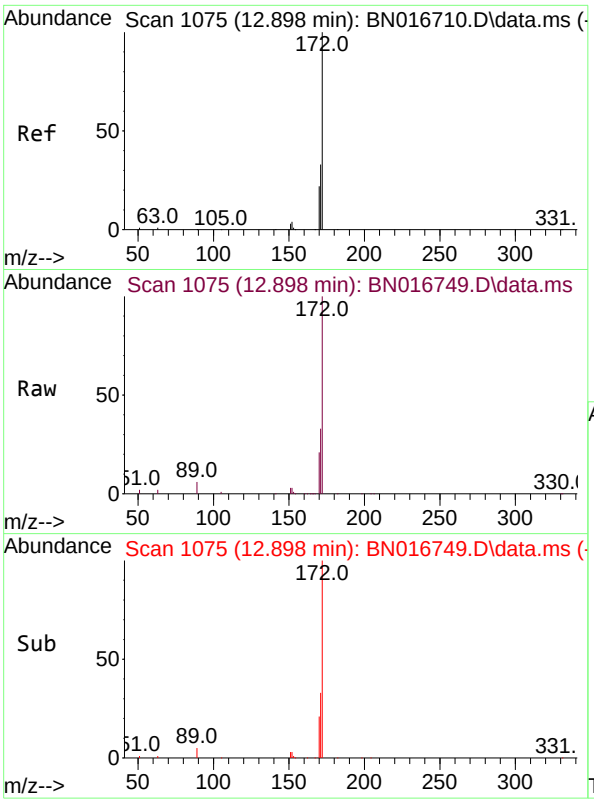
#14
2,4,6-Tribromophenol
Concen: 0.403 ng
RT: 15.766 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BN016749.D
Acq: 05 Oct 2021 18:12

Tgt Ion:330 Resp: 9828

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	29.3	24.2	36.2



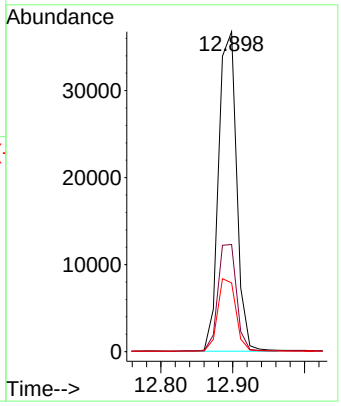
Instrument :
BNA_N
ClientSampleId :
SW-RR-50

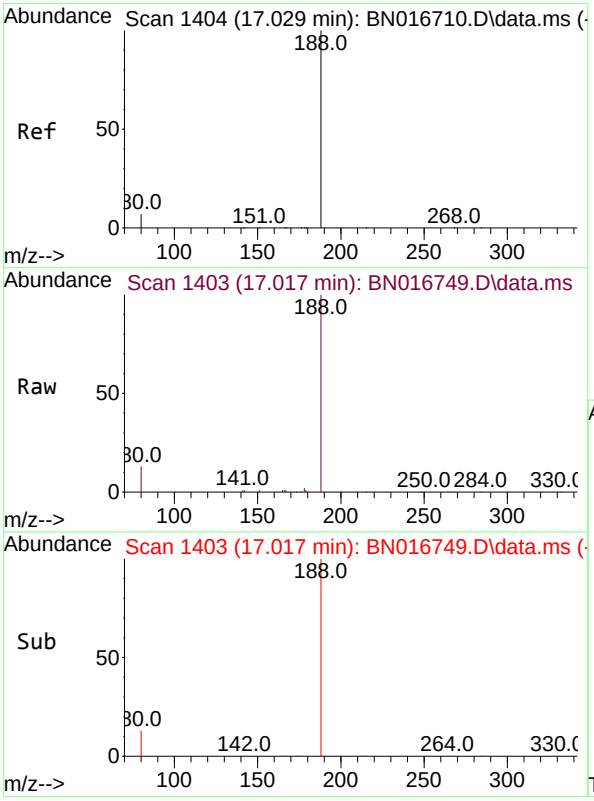


#15
2-Fluorobiphenyl
Concen: 0.268 ng
RT: 12.898 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016749.D
Acq: 05 Oct 2021 18:12

Tgt Ion:172 Resp: 63960

Ion	Ratio	Lower	Upper
172	100		
171	33.5	26.9	40.3
170	21.5	17.4	26.0

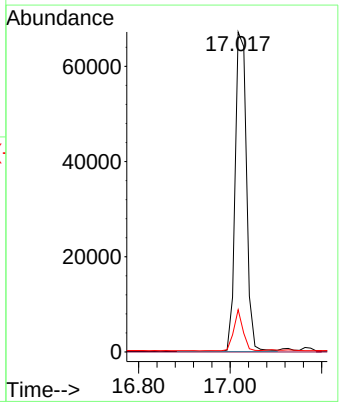




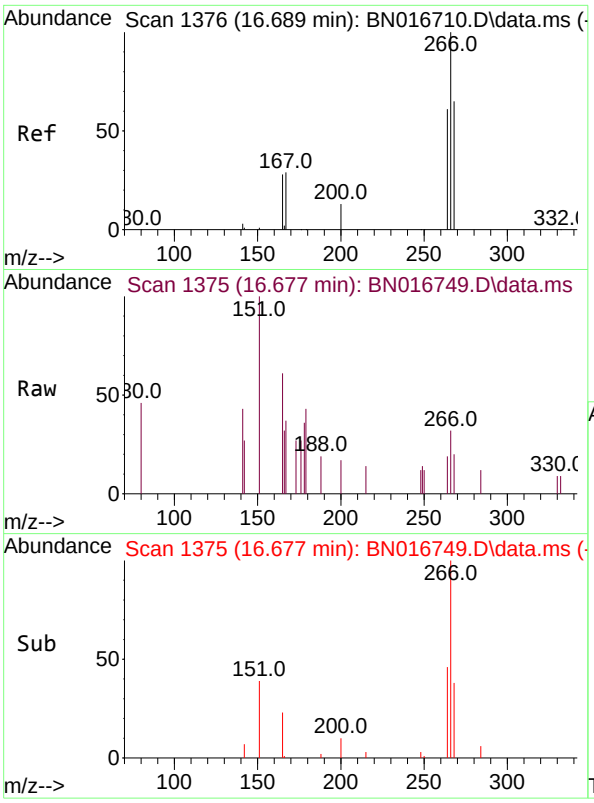
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.017 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016749.D
Acq: 05 Oct 2021 18:12

Tgt Ion:188 Resp: 114589

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.2	5.8	8.8#



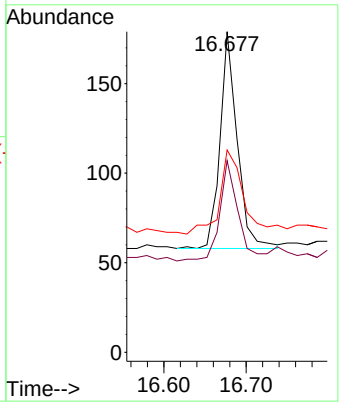
Instrument :
BNA_N
ClientSampleId :
SW-RR-50

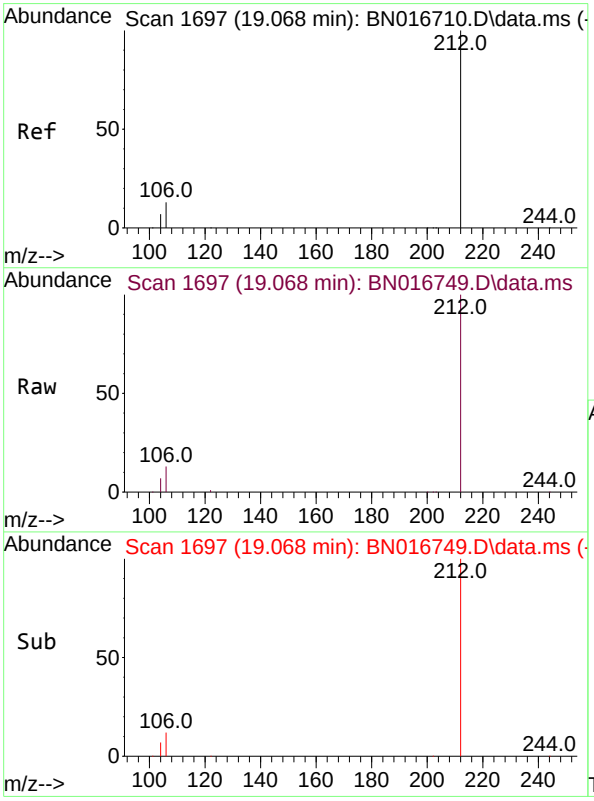


#24
Pentachlorophenol
Concen: 0.343 ng
RT: 16.677 min Scan# 1375
Delta R.T. -0.012 min
Lab File: BN016749.D
Acq: 05 Oct 2021 18:12

Tgt Ion:266 Resp: 176

Ion	Ratio	Lower	Upper
266	100		
264	48.3	49.3	73.9#
268	54.5	51.8	77.8

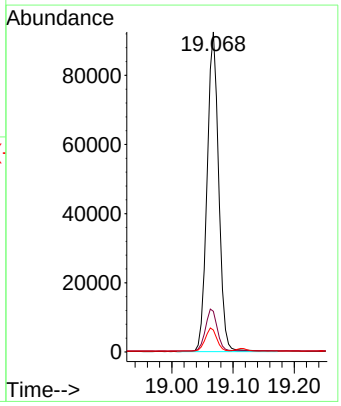




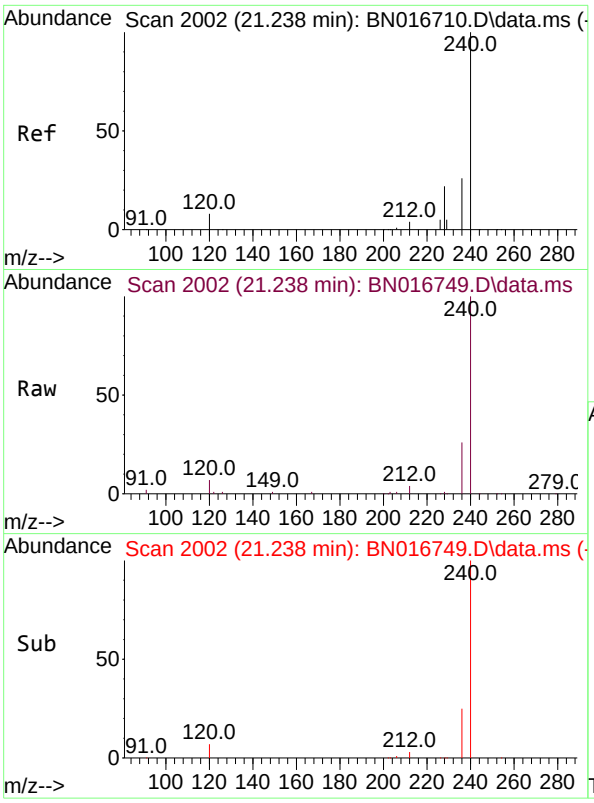
#27
Fluoranthene-d10
Concen: 0.387 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN016749.D
Acq: 05 Oct 2021 18:12

Tgt Ion:212 Resp: 121427

Ion	Ratio	Lower	Upper
212	100		
106	13.4	10.6	16.0
104	7.3	5.8	8.8



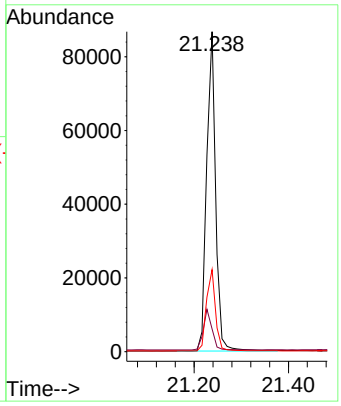
Instrument :
BNA_N
ClientSampleId :
SW-RR-50

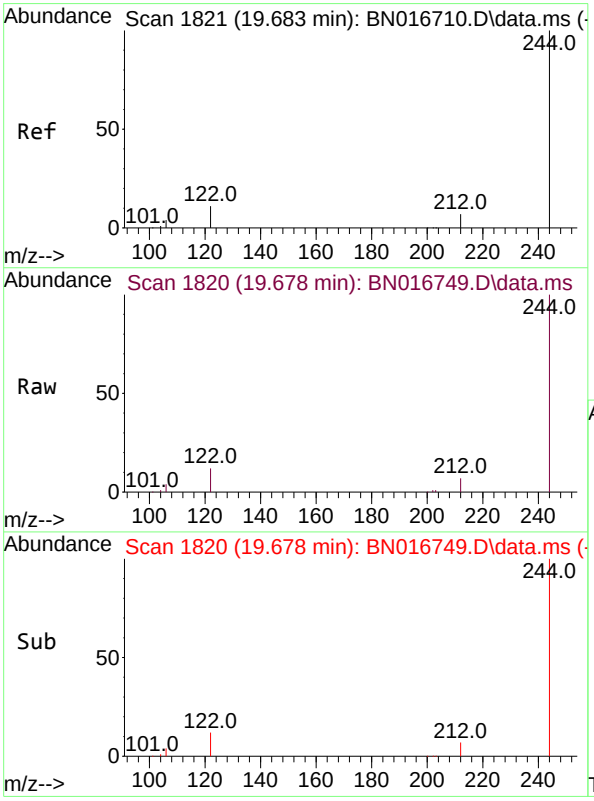


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016749.D
Acq: 05 Oct 2021 18:12

Tgt Ion:240 Resp: 114349

Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.6	10.0
236	25.6	20.7	31.1

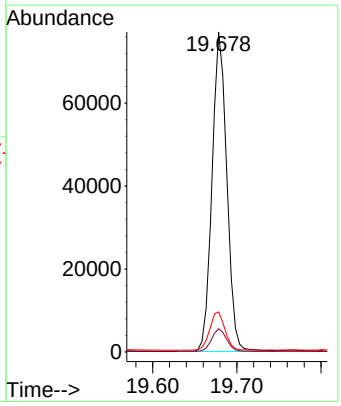




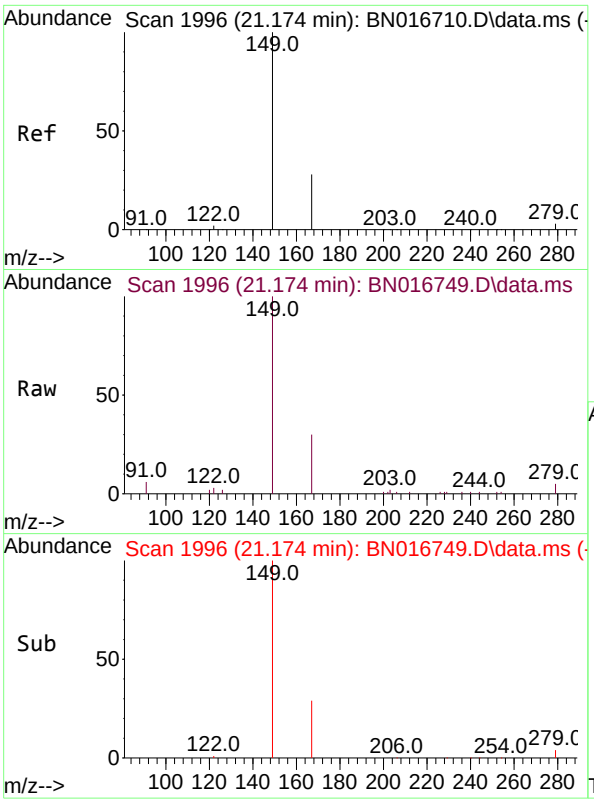
#31
Terphenyl-d14
Concen: 0.367 ng
RT: 19.678 min Scan# 1820
Delta R.T. -0.005 min
Lab File: BN016749.D
Acq: 05 Oct 2021 18:12

Tgt Ion:244 Resp: 93778

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	12.5	8.9	13.3



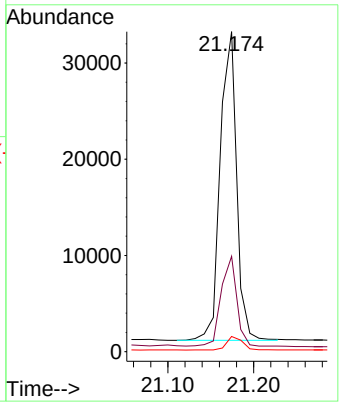
Instrument :
BNA_N
ClientSampleId :
SW-RR-50

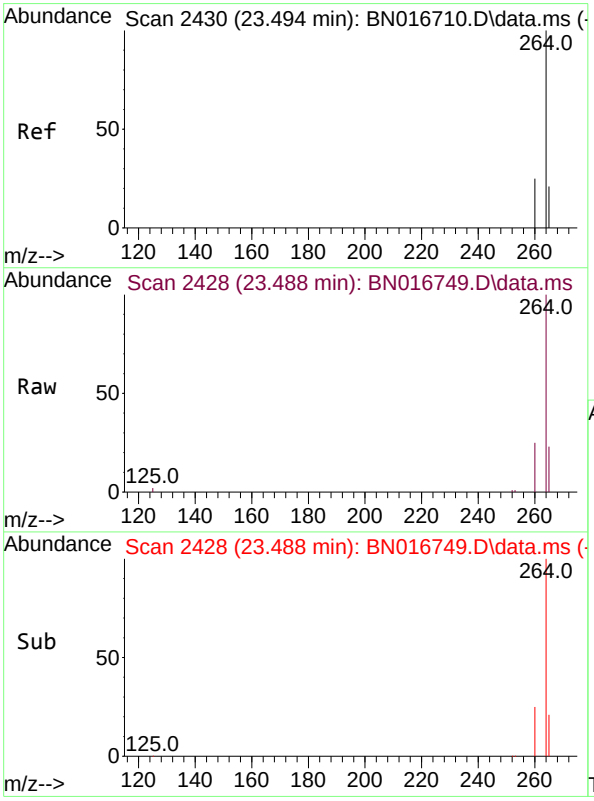


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.198 ng
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN016749.D
Acq: 05 Oct 2021 18:12

Tgt Ion:149 Resp: 42499

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.2	33.4
279	4.3	3.4	5.2





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.488 min Scan# 2428
Delta R.T. -0.007 min
Lab File: BN016749.D
Acq: 05 Oct 2021 18:12

Tgt Ion:264 Resp: 120939

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.6
265	23.3	20.3	30.5