Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021623\
Data File : BF132444.D
Acq On : 16 Feb 2023 21:00
Operator : CG\JU
Sample : 01572-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-277-281

Quant Time: Feb 17 04:45:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 03:08:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.031	152	176353	20.000	ng	0.00
21) Naphthalene-d8	8.313	136	644733	20.000	ng	0.00
39) Acenaphthene-d10	10.083	164	241246	20.000	ng	0.00
64) Phenanthrene-d10	11.607	188	315981	20.000	ng	# 0.03
76) Chrysene-d12	14.242	240	302886	20.000	ng	# 0.00
86) Perylene-d12	15.795	264	356174	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.654	112	1265318	114.968	ng	0.00
7) Phenol-d6	6.648	99	1667525	116.034	ng	0.00
23) Nitrobenzene-d5	7.595	82	1068228	79.611	ng	0.00
42) 2,4,6-Tribromophenol	10.889	330	344068	142.944	ng	0.01
45) 2-Fluorobiphenyl	9.395	172	1561811	99.977	ng	0.00
79) Terphenyl-d14	13.189	244	1238134	74.447	ng	0.02
Target Compounds						Qvalue
84) Bis(2-ethylhexyl)phtha...	14.201	149	31591	2.542	ng	# 83

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

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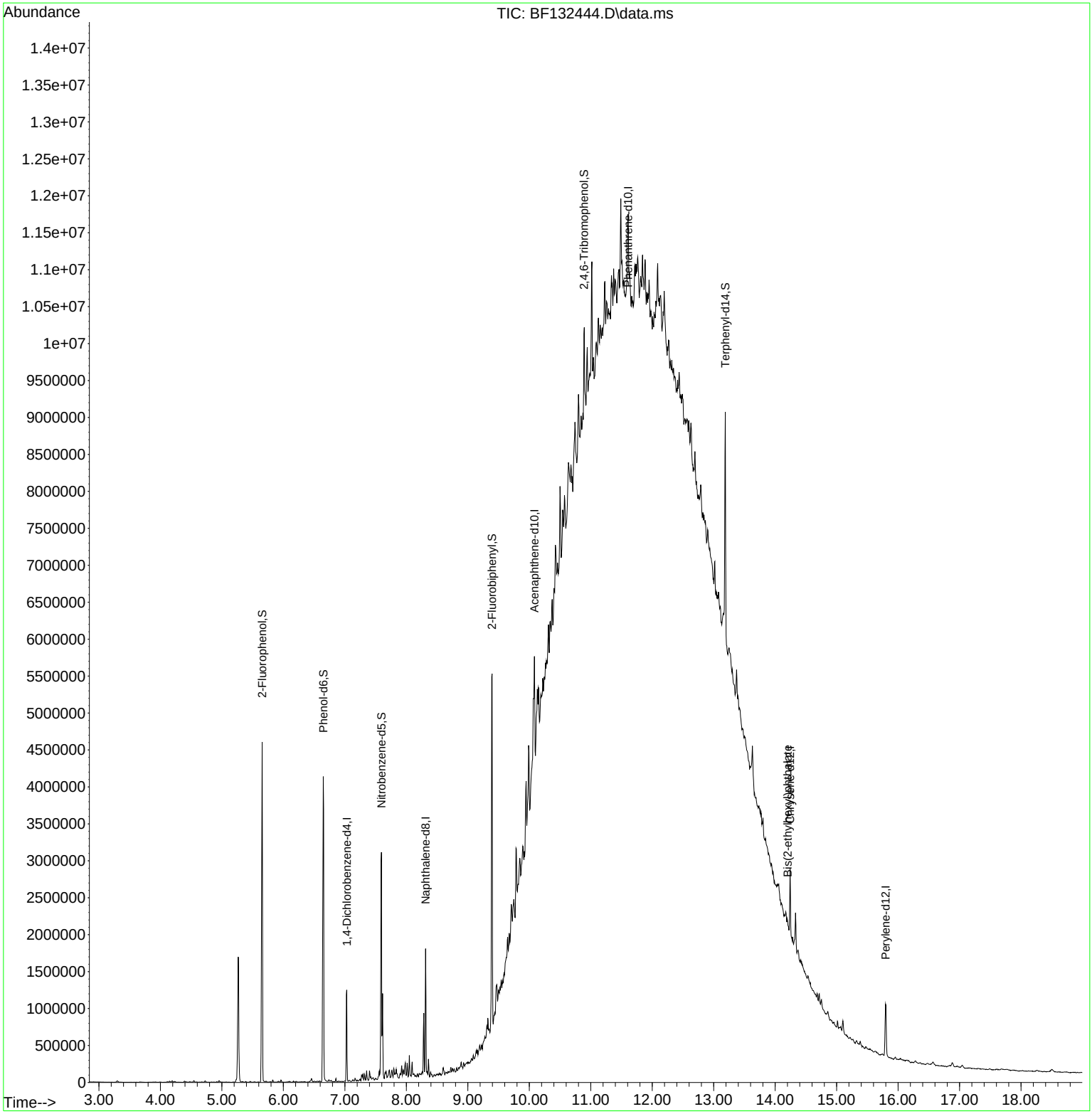
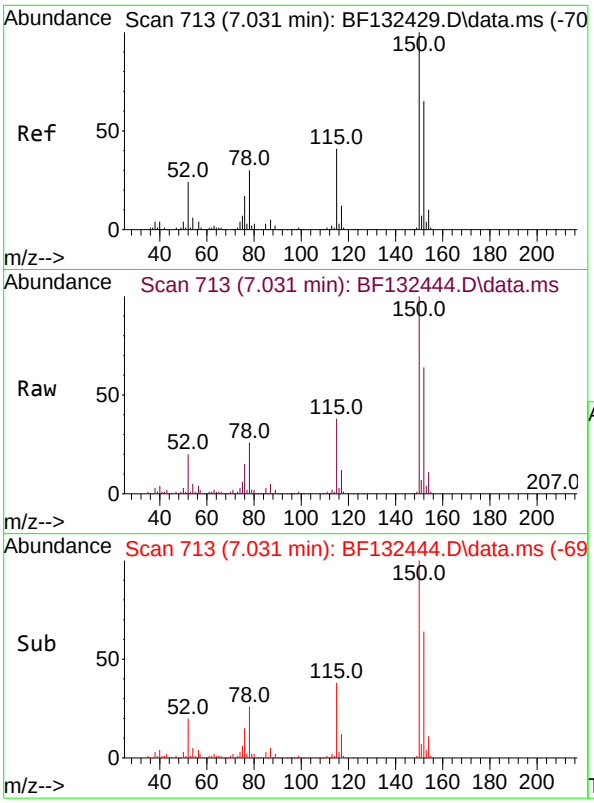


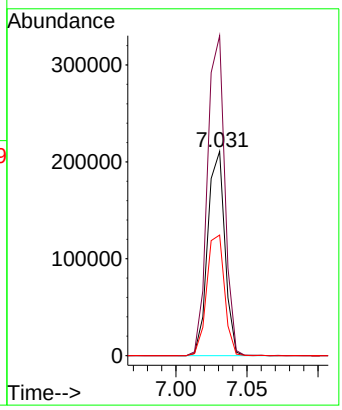


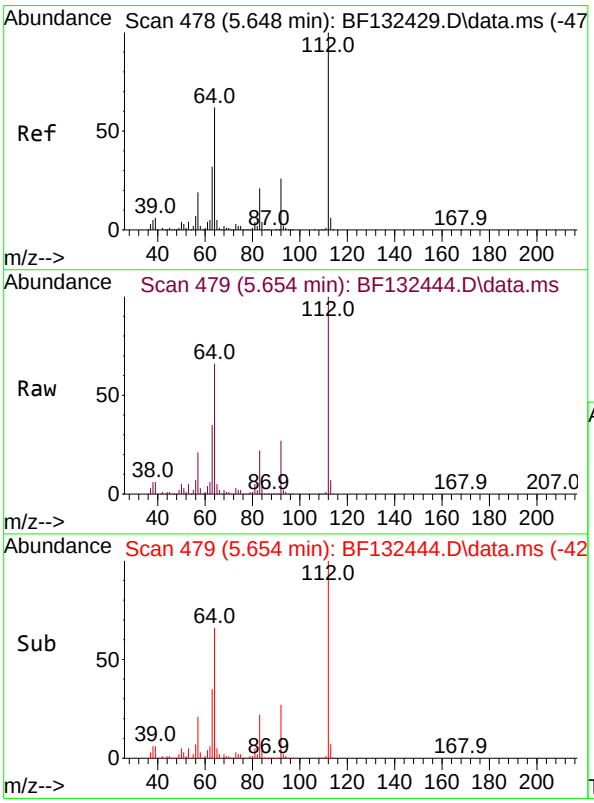
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.031 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132444.D
Acq: 16 Feb 2023 21:00

Instrument :
BNA_F
ClientSampleId :
COMP-277-281

Tgt Ion:152 Resp: 176353

Ion	Ratio	Lower	Upper
152	100		
150	156.7	123.8	185.8
115	59.0	50.4	75.6

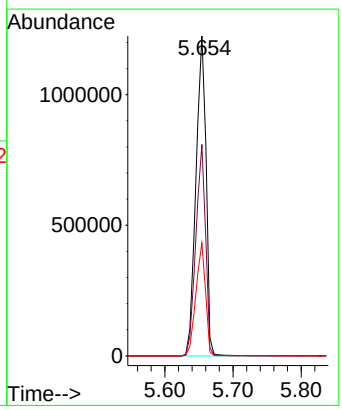


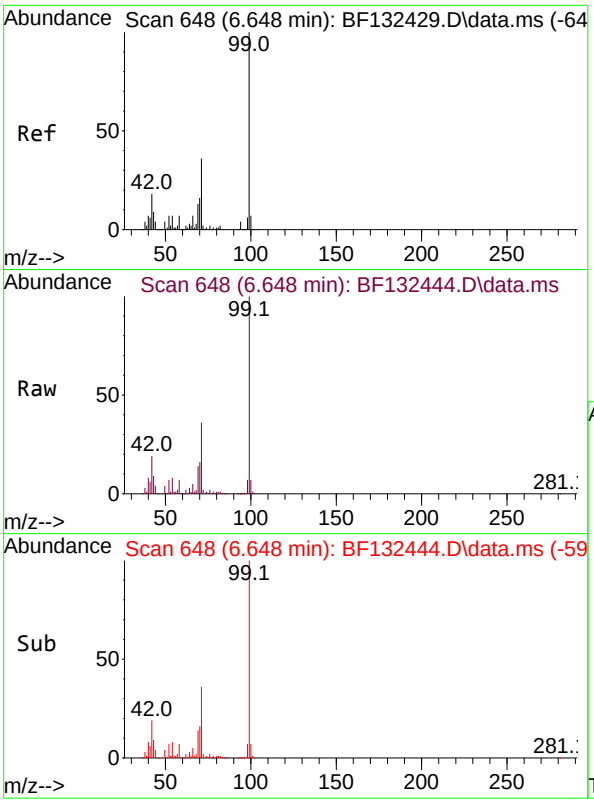


#5
2-Fluorophenol
Concen: 114.968 ng
RT: 5.654 min Scan# 479
Delta R.T. 0.006 min
Lab File: BF132444.D
Acq: 16 Feb 2023 21:00

Tgt Ion:112 Resp: 1265318

Ion	Ratio	Lower	Upper
112	100		
64	66.1	49.7	74.5
63	35.3	25.8	38.8



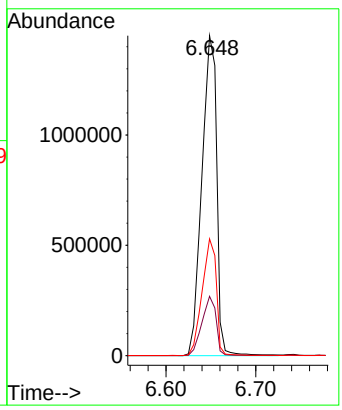


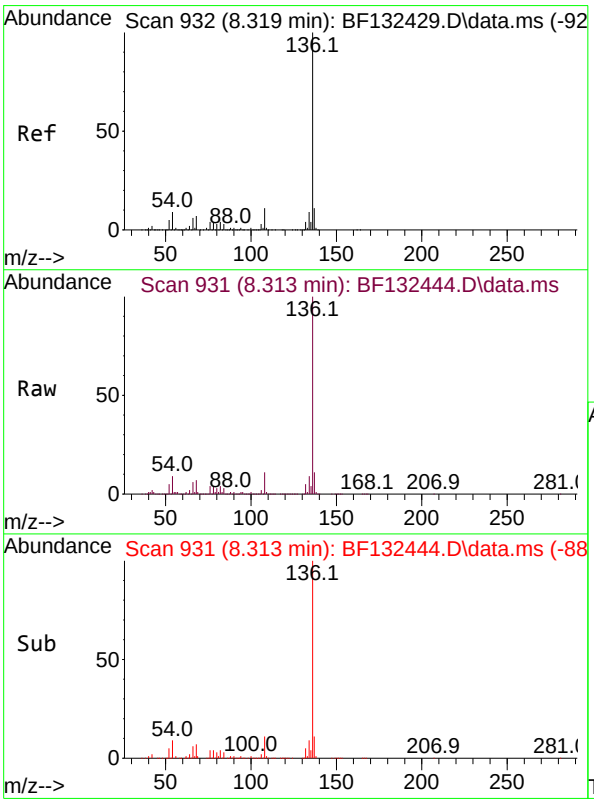
#7
Phenol-d6
Concen: 116.034 ng
RT: 6.648 min Scan# 64
Delta R.T. 0.000 min
Lab File: BF132444.D
Acq: 16 Feb 2023 21:00

Instrument :
BNA_F
ClientSampleId :
COMP-277-281

Tgt Ion: 99 Resp: 1667525

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.6	21.8
71	36.5	28.7	43.1

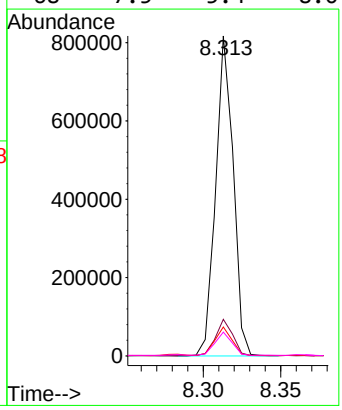


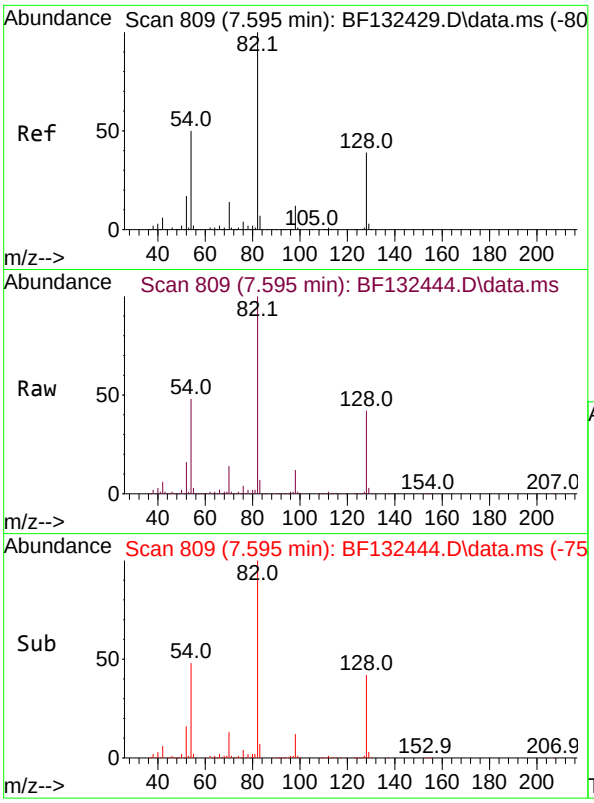


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.313 min Scan# 931
Delta R.T. -0.006 min
Lab File: BF132444.D
Acq: 16 Feb 2023 21:00

Tgt Ion:136 Resp: 644733

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	9.0	6.9	10.3
68	7.5	5.4	8.0



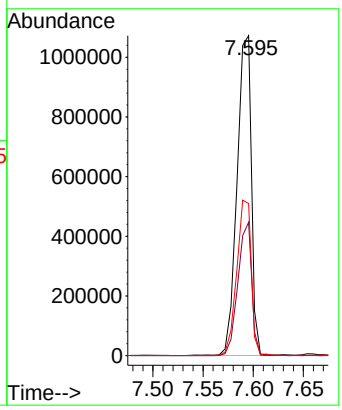


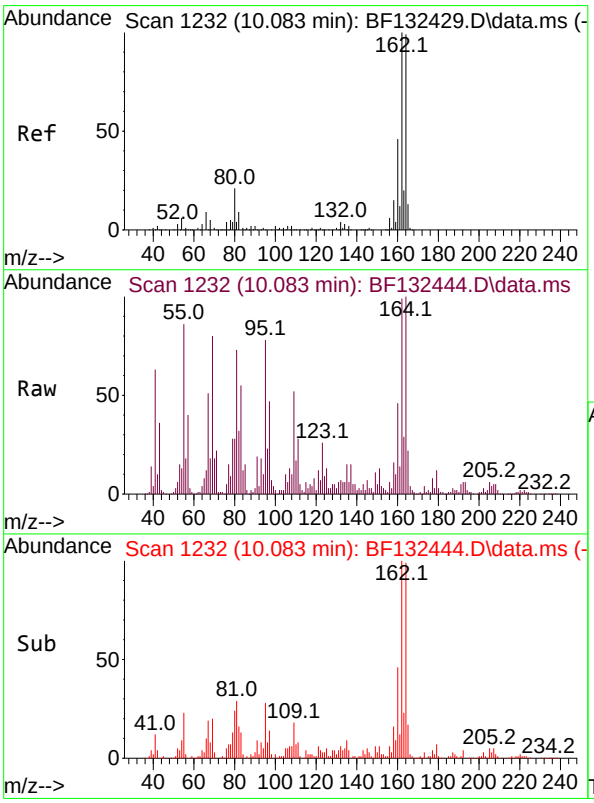
#23
Nitrobenzene-d5
Concen: 79.611 ng
RT: 7.595 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF132444.D
Acq: 16 Feb 2023 21:00

Instrument :
BNA_F
ClientSampleId :
COMP-277-281

Tgt Ion: 82 Resp: 1068228

Ion	Ratio	Lower	Upper
82	100		
128	41.7	30.8	46.2
54	47.5	40.2	60.4

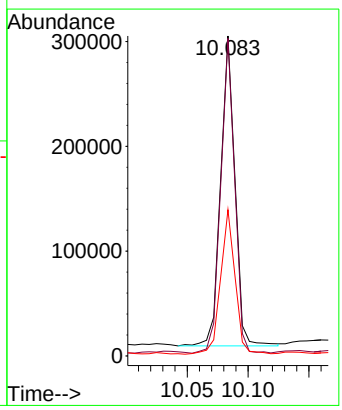


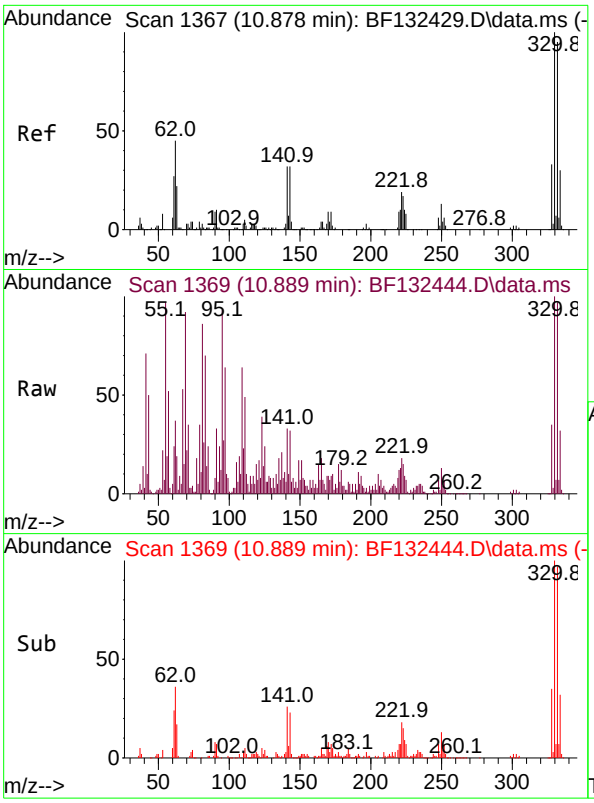


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.083 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF132444.D
Acq: 16 Feb 2023 21:00

Tgt Ion:164 Resp: 241246

Ion	Ratio	Lower	Upper
164	100		
162	99.2	80.8	121.2
160	45.7	37.2	55.8



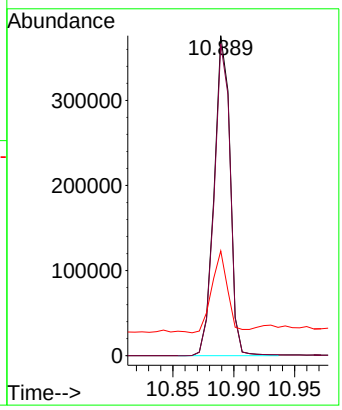


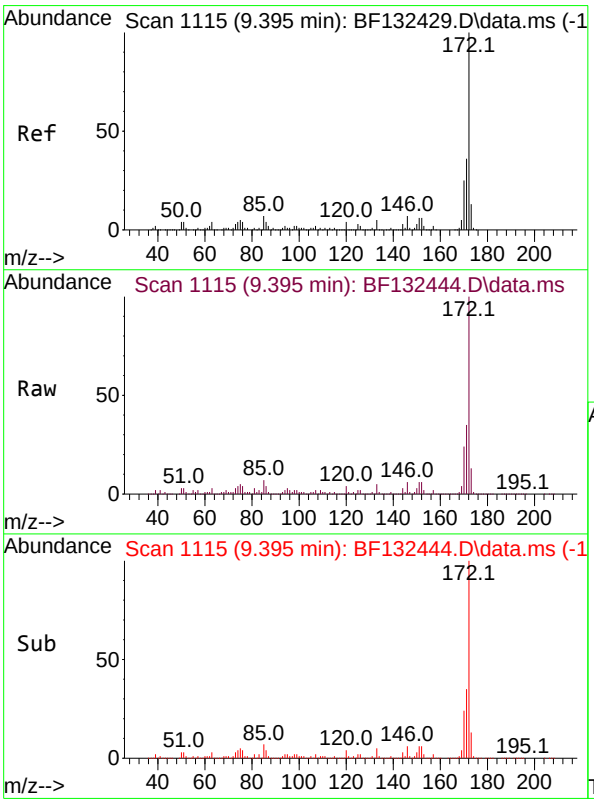
#42
2,4,6-Tribromophenol
Concen: 142.944 ng
RT: 10.889 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF132444.D
Acq: 16 Feb 2023 21:00

Instrument :
BNA_F
ClientSampleId :
COMP-277-281

Tgt Ion:330 Resp: 344068

Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.3	114.5
141	25.7	30.3	45.5#

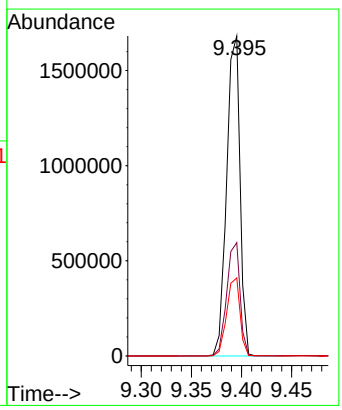


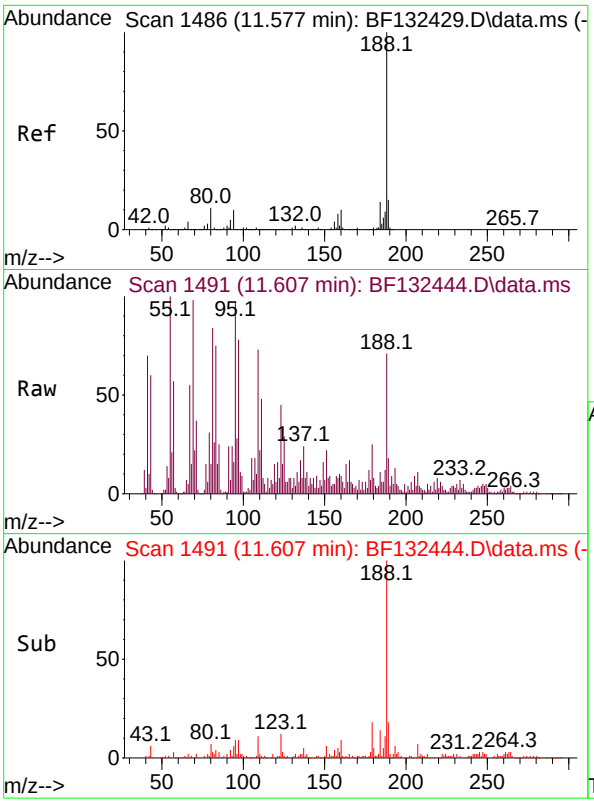


#45
2-Fluorobiphenyl
Concen: 99.977 ng
RT: 9.395 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF132444.D
Acq: 16 Feb 2023 21:00

Tgt Ion:172 Resp: 1561811

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	42.8
170	24.4	19.9	29.9



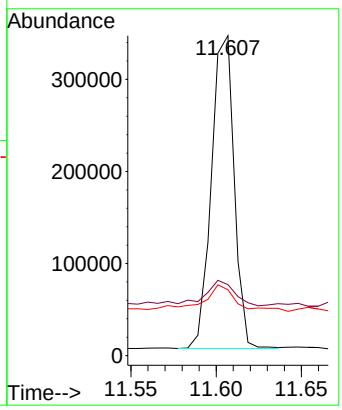


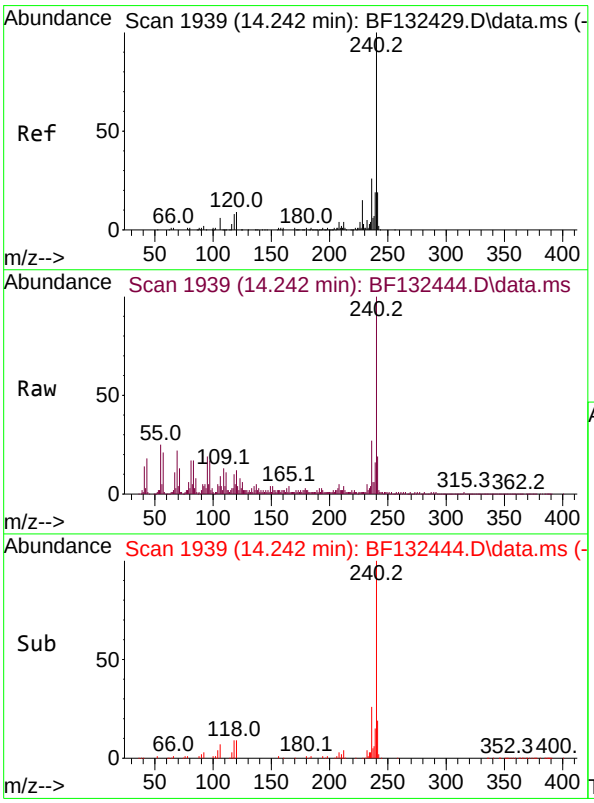
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.607 min Scan# 14
Delta R.T. 0.029 min
Lab File: BF132444.D
Acq: 16 Feb 2023 21:00

Instrument :
BNA_F
ClientSampleId :
COMP-277-281

Tgt Ion:188 Resp: 315981

Ion	Ratio	Lower	Upper
188	100		
94	22.2	8.0	12.0#
80	20.6	8.6	12.8#

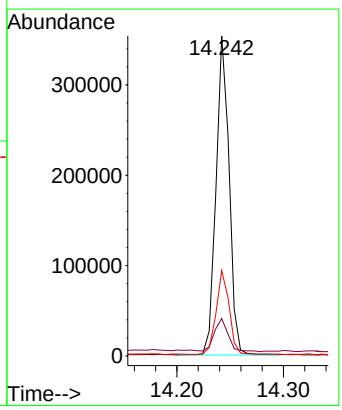


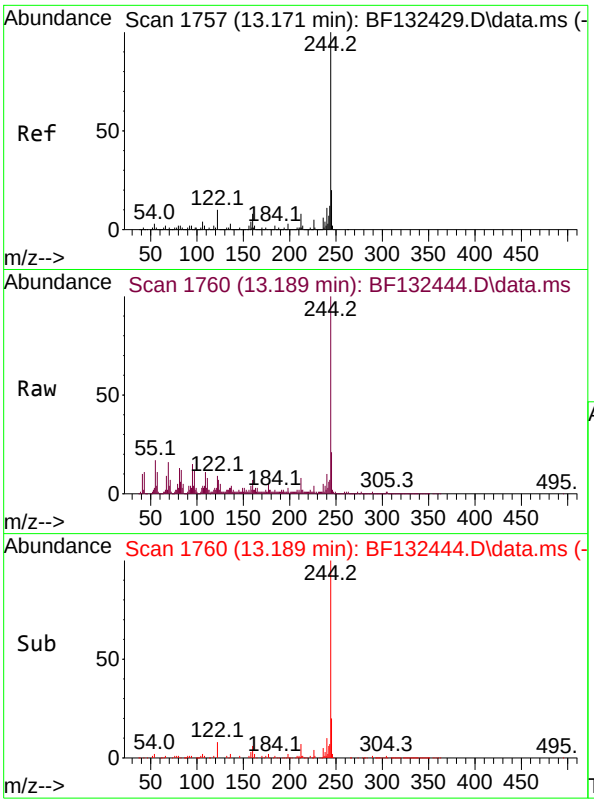


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.242 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BF132444.D
Acq: 16 Feb 2023 21:00

Tgt Ion:240 Resp: 302886

Ion	Ratio	Lower	Upper
240	100		
120	11.7	7.5	11.3#
236	26.6	21.0	31.6



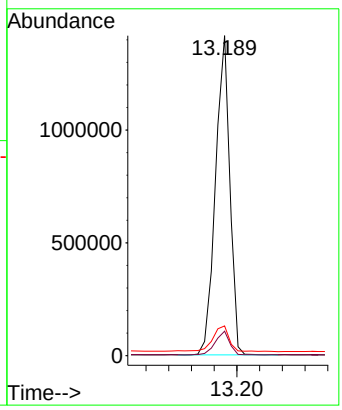


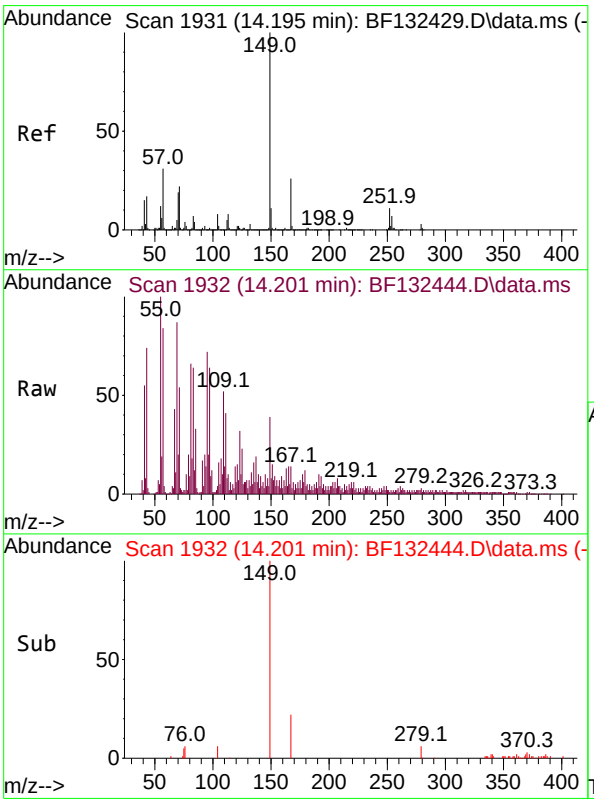
#79
Terphenyl-d14
Concen: 74.447 ng
RT: 13.189 min Scan# 1
Delta R.T. 0.018 min
Lab File: BF132444.D
Acq: 16 Feb 2023 21:00

Instrument :
BNA_F
ClientSampleId :
COMP-277-281

Tgt Ion:244 Resp: 1238134

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.7	10.1
122	9.3	7.7	11.5

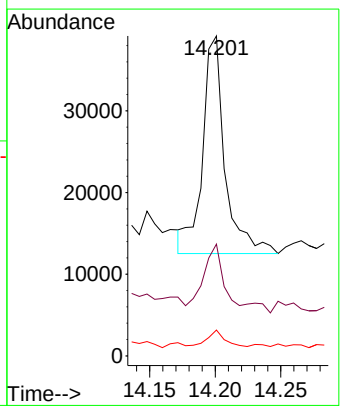


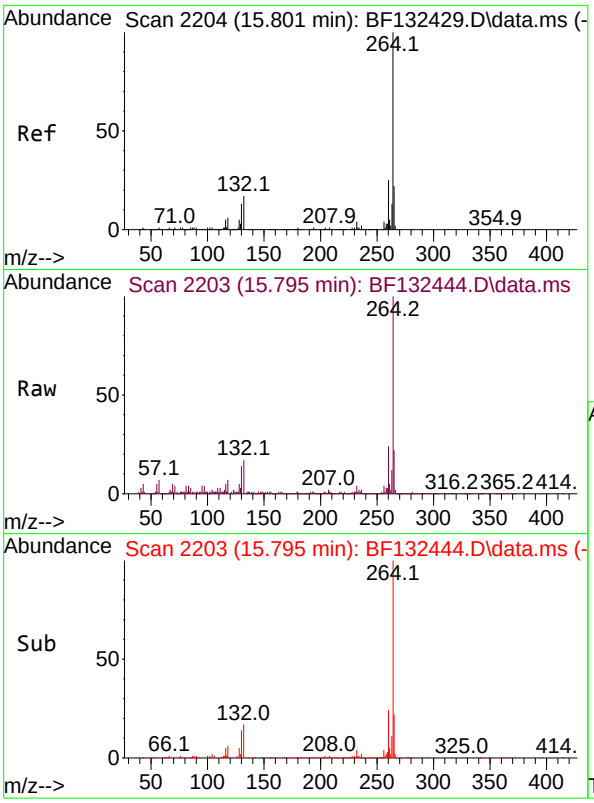


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.542 ng
RT: 14.201 min Scan# 1932
Delta R.T. 0.006 min
Lab File: BF132444.D
Acq: 16 Feb 2023 21:00

Tgt Ion:149 Resp: 31591

Ion	Ratio	Lower	Upper
149	100		
167	34.9	21.0	31.6#
279	8.1	2.5	3.7#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.795 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF132444.D
Acq: 16 Feb 2023 21:00

Instrument :
BNA_F
ClientSampleId :
COMP-277-281

Tgt Ion:264 Resp: 356174

Ion	Ratio	Lower	Upper
264	100		
260	23.7	20.0	30.0
265	21.7	17.2	25.8